

January 12, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16, 8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

W konski livjan Mandie Crozier

Regulatory Specialist

mc

enclosures

JAN 1 3 2006

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004					
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	5. Lease Serial No. UTU-64379					
APPLICATION FOR PERMIT TO DE		6. If Indian, Allottee or Tribe Name				
AFFEIGATION FOR FERMIT TO BE		N/A				
1a. Type of Work: 🗵 DRILL 🔲 RBENTBE			7. If Unit or CA Agreement, Name and No. N/A			
1b. Type of Well: 🗵 Oil Well 🚨 Gas Well 🚨 Other	🗵 Single Zone 🚨 Multi	ple Zone	8. Lease Name and V Federal 7-22			
Name of Operator Newfield Production Company	3b. Phone No. (include area code)		9. API Well No. 43	-013-33027		
Route #3 Box 3630, Myton UT 84052		10. Field and Pool, or Monument Bu				
4. Location of Well (Report location clearly and in accordance with At surface SW/NE 2036' FNL 1837' FEL 57440			11. Sec., T., R., M., or	Blk. and Survey or Area		
At proposed prod. zone 44299	27 -110.161951			22, T9S R16E		
14. Distance in miles and direction from nearest town or post office*		12. County or Parish	13. State			
Approximatley 25.0 miles southwest of Myton, Utah 15. Distance from proposed*	17 Spacin	Duchesne UT				
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 604' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	17. Spacin	40 Acres	Well		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	BLM/BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1434'	5955'		UTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5868' GL	22. Approximate date work will sta	ırt*	23. Estimated duratio Approximately seven (7) days			
3000 GL	24. Attachments		, , , , , , , , , , , , , , , , , , , ,			
The following, completed in accordance with the requirements of Onshor		tached to this	form:			
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover t Item 20 above). 5. Operator certific	he operation ation. specific info	ns unless covered by an	existing bond on file (see		
25. Signature	Name (Printed/Typed)			Date		
Title Day Company	Mandie Crozier			¦ 1/11/06		
Regulatory Specialist				J		
	Name (Printed/Typed) RADLEY G. HILL			Date 01-23-00		
	RONMENTAL SCIENTIST III			· · · · · · · · · · · · · · · · · · ·		
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	egal or equitable title to those rights ir	the subject	lease which would entitl	e the applicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly are any matter within its jurisdiction.	nd willfully t	o make to any departme	nt or agency of the United		

*(Instructions on reverse,

of this ary JAN 1 3 2006

T9S, R16E, S.L.B.&M.

S89'57'W - 79.16 (G.L.O.) 2629.55' (Measured) S89°57'W G.L.O. (Basis of Bearings) S89'25'16"W - 2639.18' (Meas.) 1910 1910 Brass Cap Brass Cap Brass Cap 2637.20' DRILLING WINDOW NO0.36,35 1837' (G.L.O.) N00.02'W 1910 1910 Brass Cap Brass Cap WELL LOCATION: 9 MILE 7-22-9-16 ELEV. UNGRADED GROUND =5867.7' VOO"24"02"W 1910 1910 Brass Cap Brass Cap S88°53'03"W - 2662.67' (Meas.) N89°53'02"W - 2629.46' (Meas.) S89'58'W - 79.82 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 7-22-9-16 (Surface Location) NAD 83 LATITUDE = 40° 01' 04.87" LONGITUDE = 110° 06' 09.26"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPPRISED NOT THE BEST OF MY KNOWLEDGE AND SPILES NO. 189377

REGISTER D LAND SURVEYOR REGISTRA RON NO. 1093300

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(100)				
DATE SURVEYED: 11-24-05	SURVEYED BY: C.M.			
DATE DRAWN: 12-6-05	DRAWN BY: F.T.M.			
REVISED:	SCALE: 1" = 1000'			

NEWFIELD PRODUCTION COMPANY FEDERAL #7-22-9-16 SW/NE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2350' Green River 2350' Wasatch 5955'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2350' - 5955' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #7-22-9-16 SW/NE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-22-9-16 located in the SW 1/4 NE 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly – 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly – 10.1 miles \pm to it's junction with and existing road to the east; proceed northeasterly – 1.3 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly – 5,790' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #7-22-9-16 Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along the access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve.Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass

Agropyron Cristatum

12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #7-22-9-16 was on-sited on 8/31/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

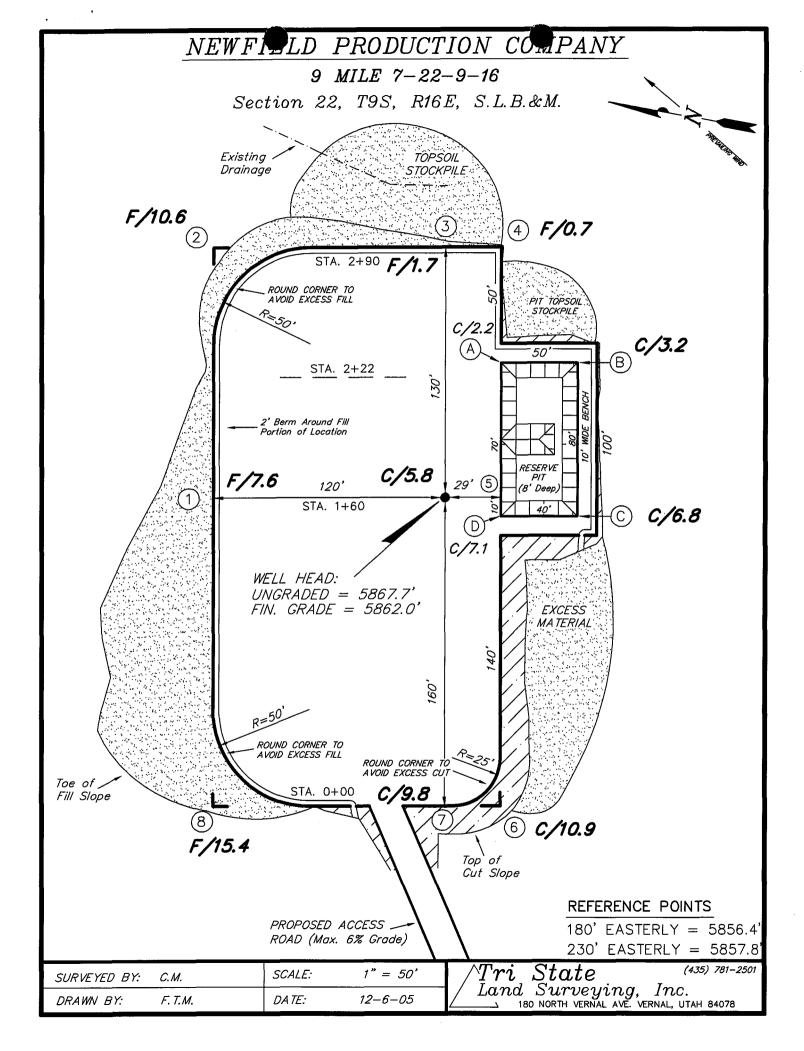
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-22-9-16 SW/NE Section 22, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

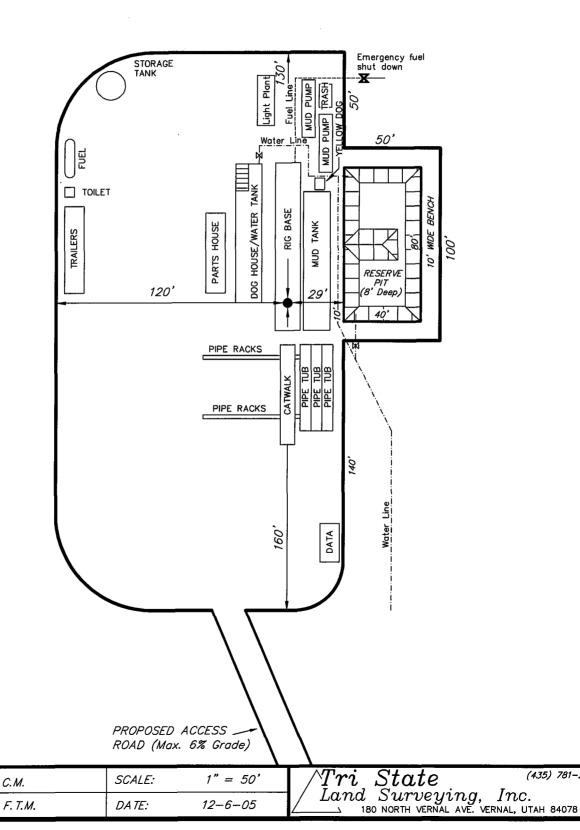
Mandie Crozier
Regulatory Specialist

Newfield Production Company



NEW FIELD PRODUCTION COMPANY CROSS SECTIONS 9 MILE 7-22-9-16 20, Ш STA. 2+90 1" = 50'20, II STA. 2+22 1" = 50'**EXISTING GRADE** FINISHED GRADE WELL HOLE 20, Ш 1" = 50'STA. 1+60 20, Ш 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) ITEM CUT FILL 6" TOPSOIL **EXCESS** Topsoil is not included in Pad Cut PAD 5,430 5,430 NOTE: UNLESS OTHERWISE NOTED PIT 640 640 ALL CUT/FILL SLOPES ARE **TOTALS** 6,070 5,430 1,160 640 AT 1.5:1 $Tri~State~^{(435)~781-.}$ Land Surveying, Inc. $_{__}$ 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 1" = 50' SCALE: SURVEYED BY: C.M. DRAWN BY: F. T.M. DATE: 12-6-05

NEWF-ELD PRODUCTION COMPANY TYPICAL RIG LAYOUT 9 MILE 7-22-9-16

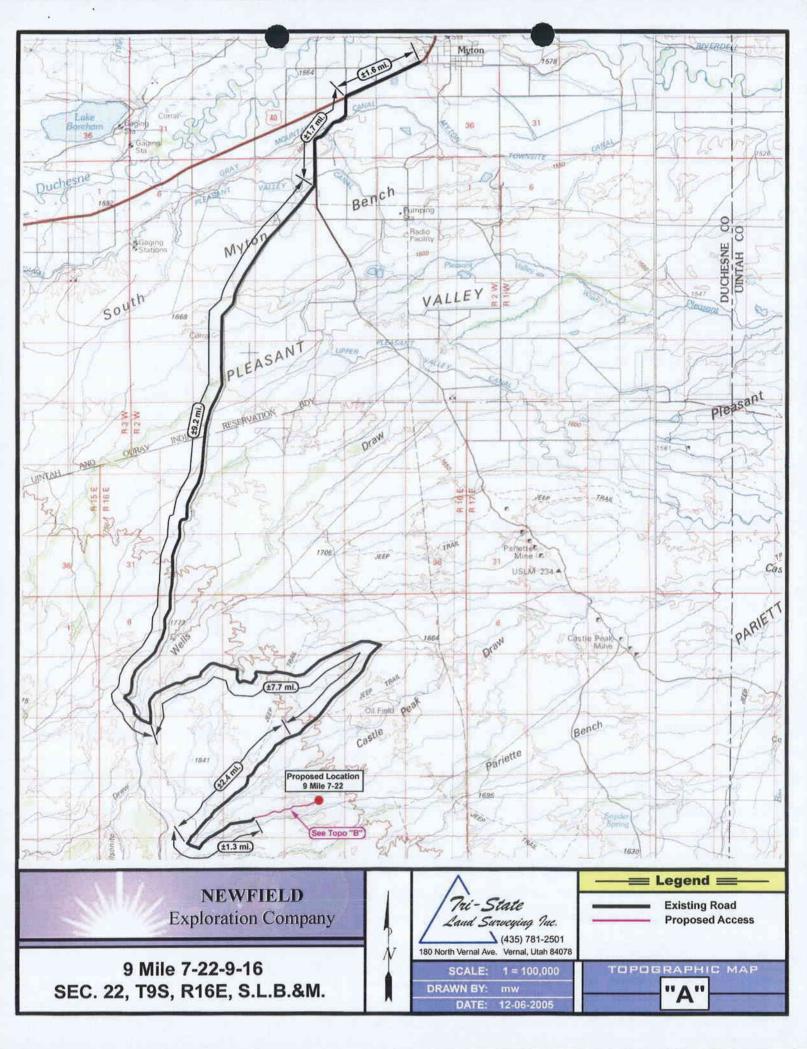


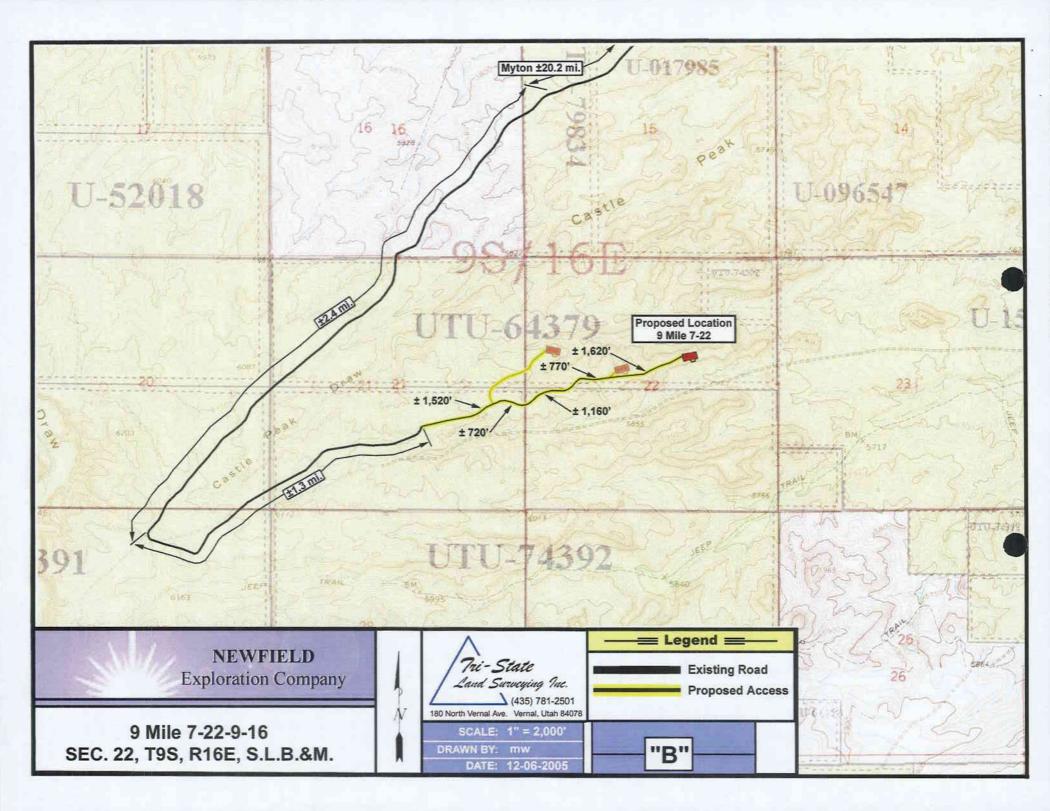
C.M.

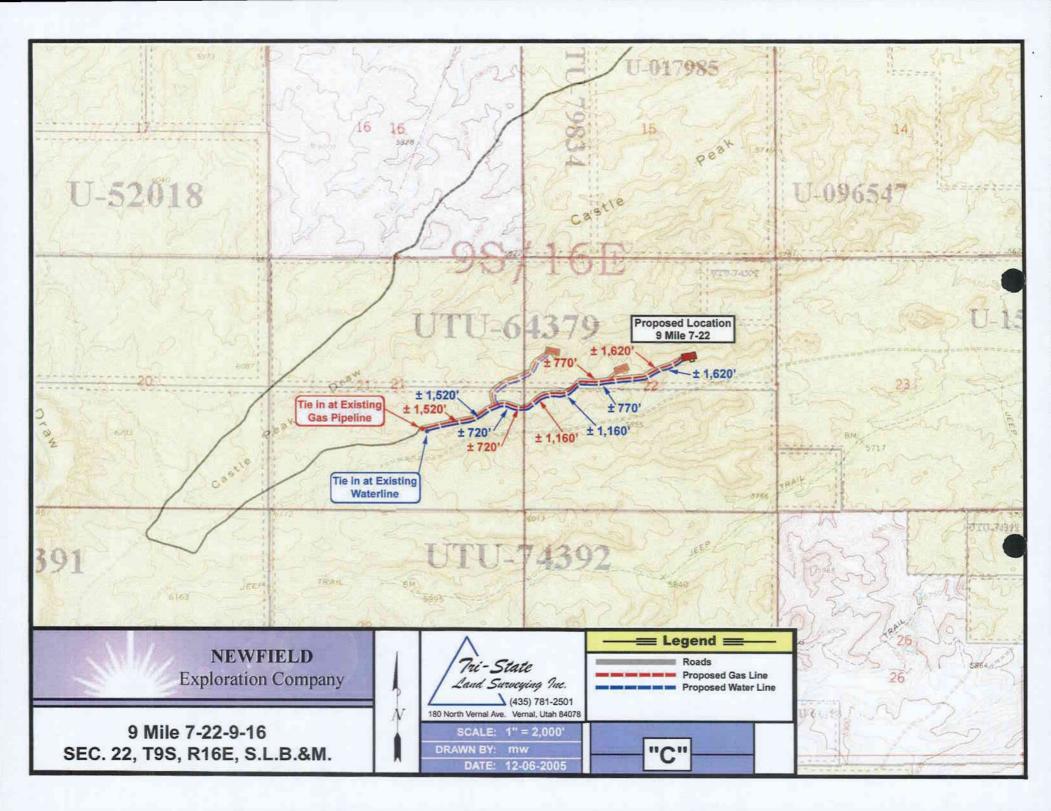
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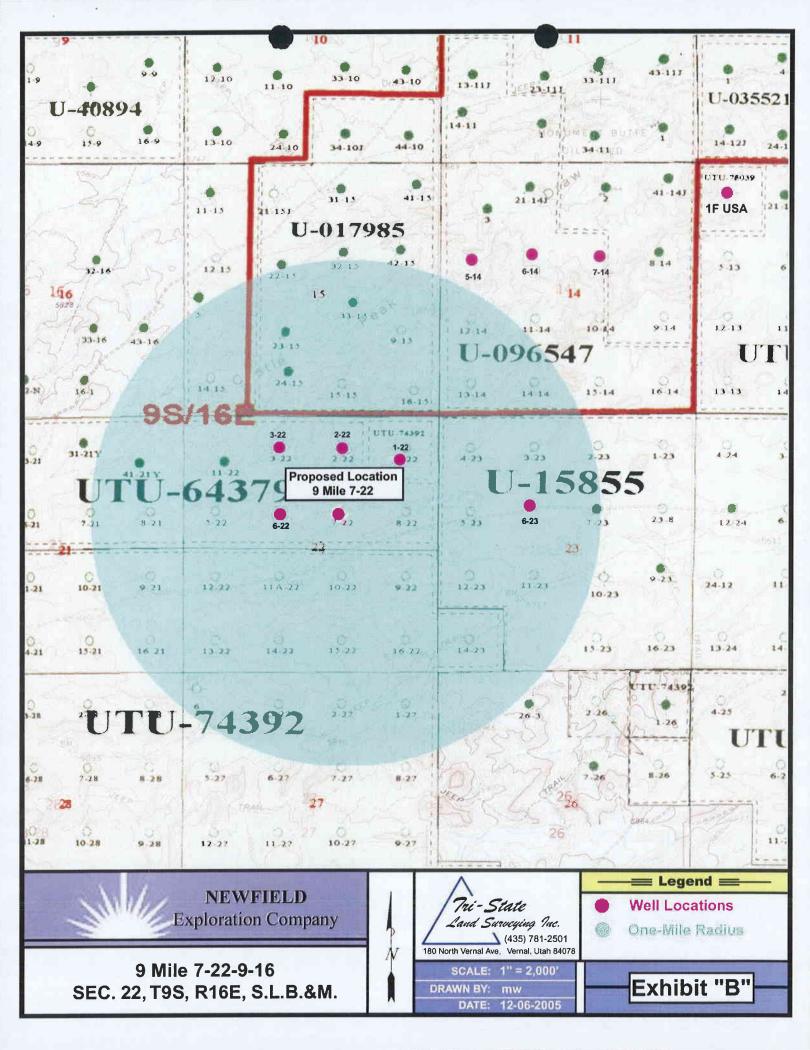
(435) 781-2501







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2-M SYSTEM

Blowout Prevention Equipment Systems

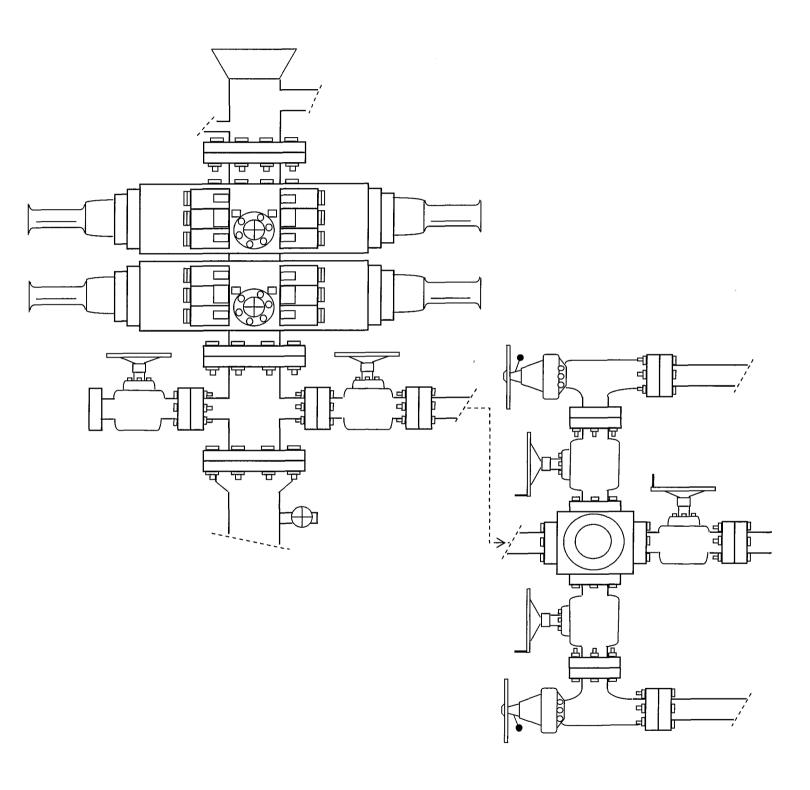


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22, DUCHESNE COUNTY, UTAH

Ву:

Katie Simon

Prepared For:

Bureau fo Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0709b

Permit No. 05-UT-60122

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NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

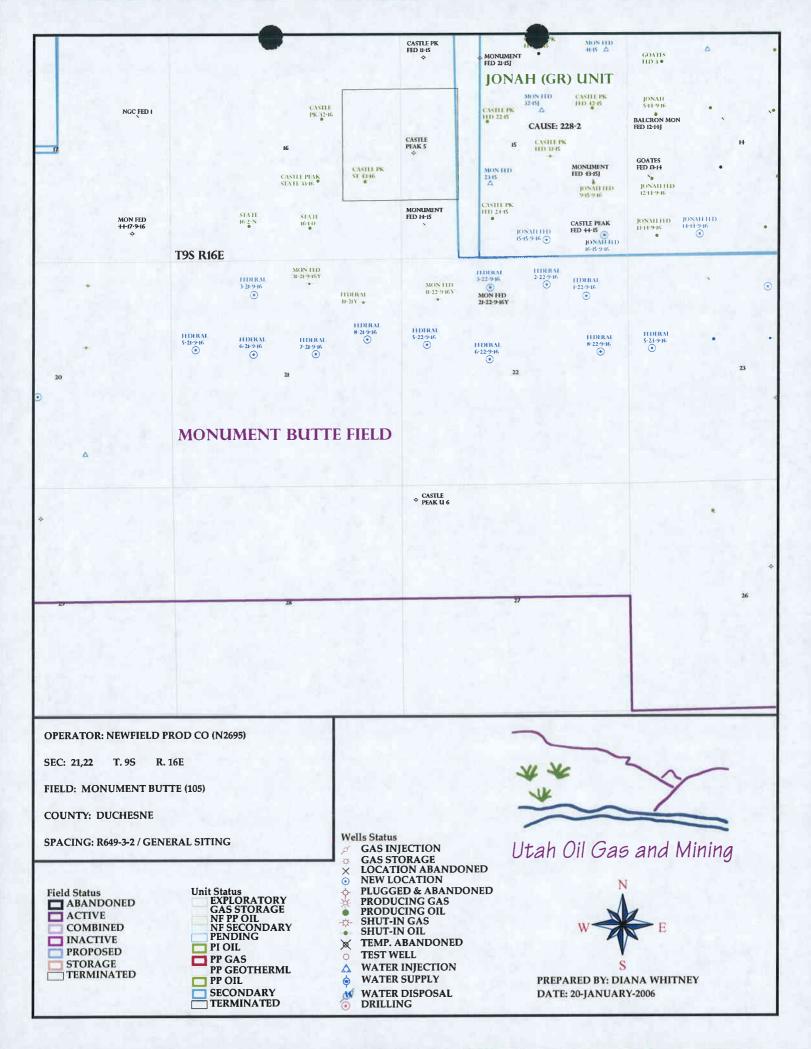
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

APD RECEIVED: 01/13/2006	API NO. ASSIG	API NO. ASSIGNED: 43-013-33027				
WELL NAME: FEDERAL 7-22-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER:	435-646-3721	L			
PROPOSED LOCATION:	INSPECT LOCATN	BY: /	/			
SWNE 22 090S 160E SURFACE: 2036 FNL 1837 FEL	Tech Review	Initials	Date			
BOTTOM: 2036 FNL 1837 FEL	Engineering					
COUNTY: DUCHESNE	Geology					
LATITUDE: 40.01796 LONGITUDE: -110.1020	Surface					
UTM SURF EASTINGS: 576640 NORTHINGS: 442992 FIELD NAME: MONUMENT BUTTE (105)						
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-64379 SURFACE OWNER: 1 - Federal RECEIVED AND/OR REVIEWED: L	PROPOSED FORMAT COALBED METHANE OCATION AND SITING:		,			
Plat Rond: Fed[1] Ind[] Sta[] Fee[]	R649-2-3. Init: R649-3-2. General Siting: 460 From Qt: R649-3-3. Except Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Direct	r/Qtr & 920' Be				
COMMENTS: Sop, Separate F						
stipulations: 1- leding () Oppring 2- Spacing Ship	70()					





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

January 23, 2006

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: Federal 7-22-9-16 Well, 2036' FNL, 1837' FEL, SW NE, Sec. 22, T. 9 South,

R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33027.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Lease:	UTU-64379						
API Number: Lease:	43-013-33027 UTU-64379						
A DT Marack and	42 012 22027						
Well Name & Number	Federal 7-22-9-16						
Operator:	Newfield Production Company						

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FQRM 3160-5

UNITED STATES	FORM APPROVED
ARTMENT OF THE INTERIOR	Budget Bureau No. 1
AND ANY ONLY AND MARKADIA CONSCIONO	

UNITED STATES					
DEPARTMENT OF THE INTERIOR					
RUREAU OF LAND MANAGEMENT					

(June 1990) DEPARTMEN BUREAU OF 1	Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.	
SUNDRY NOTICES AND	UTU-64379	
Do not use this form for proposals to drill or to dee Use "APPLICATION F	6. If Indian, Allottee or Tribe Name NA	
SUBMIT IN	TRIPLICATE	7. If Unit or CA, Agreement Designation N/A
X Oil Gas Well Other	8. Well Name and No. FEDERAL 7-22-9-16 9. API Well No.	
2. Name of Operator		43-013-33027
NEWFIELD PRODUCTION COMPANY 3. Address and Telephone No.		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
Rt. 3 Box 3630, Myton Utah, 84052 435-6	46-3721	11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2036 FNL 1837 FEL SW/NE Section	n 22, T9S R16E	DUCHESNE COUNTY, UT.
	TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION	TYPE O	FACTION
X Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Permit Extension	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
	A Out	1 1 Dispose water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/07).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

1			<u> </u>	
14. I hereby certify that the foregoing is true and correct Signed Mandie Crozier	Title	Regulatory Specialist	Date	1/5/2007
CC: UTAH DOGM				
(This space for Federal or State office use)				
Approved by	Title		Date	
Conditions of approval, if any:				
CC: Utah DOGM				, <u>}</u>

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33027 Well Name: Federal 7-22-9-16 Location: SW/NE Section 22,T9S R16E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 1/23/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□ ∩∩
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No ☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□Noা☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Mandie Crossis 1/5/2007
Signature Date
Title: Regulatory Specialist
Representing: Newfield Production Company

more at the late

JAN 13 2006

					• • • • •		
Form 3160-3 (September 2001)				FORM APPR OMB No. 100 Expires January	4-0136		
UNITED STATES DEPARTMENT OF THE IN				5. Lease Serial No. UTU-64379			
BUREAU OF LAND MANAC				6. If Indian, Allottee or	Frihe Name		
APPLICATION FOR PERMIT TO DR	RILL OR I	REENTER		N/A			
la. Type of Work: DRILL REENTER	₹			7. If Unit or CA Agreeme N/A	ent, Name and No.		
1b. Type of Well:	Ϫ .	Single Zone 🔲 Multi	ple Zone	8. Lease Name and Well Federal 7-22-9-			
2. Name of Operator				9. API Well No.	クムへつ		
Newfield Production Company				43.01313	50d /		
3a. Address	i	No. (include area code) 35) 646-3721		10. Field and Pool, or Exp Monument Butte	loratory /		
Route #3 Box 3630, Myton UT 84052	<u> </u>			11. Sec., T., R., M., or Blk	. and Survey or Area		
4. Location of Well (Report location clearly and in accordance with	any State req	quirements.*)		11. 520, 17, 13, 111, 11			
At surface SW/NE 2036' FNL 1837' FEL				SW/NE Sec. 22, 1	NE Sec. 22, T9S R16E		
At proposed prod. zone				12 Carta - Basish	13. State		
14. Distance in miles and direction from nearest town or post office*				12. County or Parish Duchesne	UT		
Approximatley 25.0 miles southwest of Myton, Utah	1,6 3	C. 4	17 Causia				
15. Distance from proposed* location to nearest property or lease line, ft. (Also to peacest drift, unit line, if any) Approx. 604' f/lse, NA' f/unit		f Acres in lease	17. Spacin	g Unit dedicated to this well 40 Acres			
(Also to nearest drig. unit line, if any) Approx. 604 1/1se, NA 1/10111				BIA Bond No. on file			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1434'	5955'			JTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*			23. Estimated duration			
5868' GL	1st Quarter 2006 Approximately sevon (7) days from spud to			spud to rig release.			
	24. At	tachments					
The following, completed in accordance with the requirements of Onsho	re Oil and G	as Order No.1, shall be a	tached to thi	s form:			
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	Item 20 above). 5. Operator certification	cation. specific inf	ns unless covered by an exi- ormation and/or plans as n			
25. Signature Jawrlio Crossin		ne (Printed/Typed) andie Crozier		Date 1/11/06			
Title Regulatory Specialist							
Approved by (Signature)	Na	me (Printed/Typed)		,	ate		
the Home	<u> </u>	FRANT KENOT	KA	1 ,	10-2-2007		
Title Assistant Field Manager	į Of ⊧	Tice VER	INAL FI	ELD OFFICE			
Application approval does not warrant or certify the the applicant holds operations thereon. Conditions of approval, if any, are attached.			n the subject	lease which would entitle th	se applicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make i States any false, licitious or fraudulent statements or representations as	it a crime for	r any person knowingly a	and willfully	to make to any department	or agency of the Unite		

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

OCT 1 0 2007

DIV. OF OIL, GAS & MINING

07BM4733A



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

Location:

SWNE, Sec 22, T9S, R16E

Well No:

Federal 7-22-9-16

Lease No:

UTU-64379

API No:

43-013-33027

Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
INDO/Elivilo ocientist.	Haman acker	Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 8 Well: Federal 7-22-9-16 5/24/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Specific Surface COAs

Lease Notices (field review and RMP):

- Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat.
 Modifications may be required in the Surface Use Plan to protect the Golden and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- The proposed area contains poor Mountain Plover habitat due to dense vegetation and many rolling hills.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during
 periods when the soil is too wet to adequately support vehicles and/or construction equipment.
 If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet
 to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

Page 3 of 8 Well: Federal 7-22-9-16 5/24/2007

- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

Interim Reclamation:

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the
well is completed, and the reserve pit is closed, the topsoil shall be spread and re-contoured on
the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper
than 2 feet.

The interim seed mix for this location shall be:

Crested wheat grass (Agropyron cristatum): 4 lbs/acre Needle and Thread grass (Hesperostipa comata): 4 lbs/acre Indian Rice grass (Achnatherum hymenoides): 4 lbs/acre

All pounds are in pure live seed.

Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- Certified weed free seed and straw shall be used for final and interim and reclamation. The
 operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit.
 When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and the stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

Page 4 of 8 Well: Federal 7-22-9-16 5/24/2007

- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixtures shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in the fall.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim reclamation bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 5 of 8 Well: Federal 7-22-9-16 5/24/2007

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A variance is granted for O.O. #2 III. E. 1.
- The blooie line shall be straight or have targeted tees for bends in the line.
- Not requiring an automatic igniter or continuous pilot on the blooie line
- Run a cement bond log from TD to the base of the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

Page 6 of 8 Well: Federal 7-22-9-16 5/24/2007

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: Federal 7-22-9-16 5/24/2007

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on which
 the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core

Page 8 of 8 Well: Federal 7-22-9-16 5/24/2007

data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval of
 the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of
 operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or abandoned,
 all pits must be fenced immediately until they are backfilled. The "Subsequent Report of
 Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the
 well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole,
 and the current status of the surface restoration.

FORM 3160-5 (June 1990)

UNITED STATES						
DEPARTMENT OF THE INTERIOR						
RUREAU OF LAND MANAGEMENT						

FORM APPROVEI)
Dudget Dugget Ma	10

Budget Bureau No. 1004-0135 Expires: March 31, 1993

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UTU	-6437	9
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SUNDRY NOTICES AND REPORTS ON WELLS

Use "APPLICATION F	NA	
SUBMIT IN	N TRIPLICATE CENTED	7. If Unit or CA, Agreement Designation N/A
X Oil Well Gas Well Other	N TRIPLICATE RECEIVED JAN 0.9 2008 JAN 0.9 2008 DIV. OF OIL, GAS & 1	8. Well Name and No. FEDERAL 7-22-9-16 9. API Well No.
2. Name of Operator NEWFIELD PRODUCTION COMPANY 3. Address and Telephone No.	DIV. OF OIL, GAS a	43-013-33027 10. Field and Pool, or Exploratory Area MONUMENT BUTTE
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2036 FNL 1837 FEL SW/NE Section	on 22, T9S R16E	DUCHESNE COUNTY, UT.
TYPE OF SUBMISSION) TO INDICATE NATURE OF NOTICE, REPO	F ACTION
X Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing Other Permit Extension	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent detail	I s, and give pertinent dates, including estimated date of starting any propose	

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/08).

This APD is not due to expire with the BLM.

Approved by the Utah Division of Oil, Gas and Mining

Regulatory Specialist

Date

Date

1/8/2008

Mandie Crozier CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

CC: Utah DOGM

Title

Title

Application for Permit to Drill Request for Permit Extension Validation

PECEIVED

JAN 0 9 2008

TW. OF OIL, GAS & MINING

ension)

Well Name: Federal 7-22-9-16 Location: SW/NE Section 22,T9S R16E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 1/23/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☑ No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Signature Date
Title: Regulatory Specialist
Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	NEWFIELD PRODUCTION COMPANY						
Well Name:			FEDER	RAL 7-	22-9-16			
Api No <u>:</u>	43-013-3	3027			Lease Type:_	FE	DERAL	
Section 22	_Township_	09S	Range_	16E	County	D	UCHESNE	
Drilling Cor	ntractor	ND	SI		RIC	G#_	NS#1	
SPUDDE	D:							
	Date	03/1	12/08					
	Time	11:	00 AM					
	How	DR	<u>Y</u>					
Drilling w	ill Comme	nce:						
Reported by		BI	RANDO	N HAI	<u>L</u>			
Telephone #	· · · · · · · · · · · · · · · · · · ·	(43	35) 828-0	6110				
Date	03/12/08		Signe	d	CHD			

FORM 3160-5	
tember 2001)	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OF THE INTERIOR

ND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

٥.	Lease Se	riai No.	
7	UTU-643	79	
6	If Indian	Allottee or Tribe Name	

SUBMITANT	RIPLICATE - Other, Instr	uctions on reverse:	side	7. If Unit or CA/A	Agreement, Name and/or
1. Type of Well Oil Well Gas Well	☐ Other			0 M 11 M	
Name of Operator	Culoi			8. Well Name and Federal 7-22-9	
NEWFIELD PRODUCTION CO)MPANY			9. API Well No.	7-10
3a. Address Route 3 Box 3630		3b. Phone (include a	re code)	4301333027	
Myton, UT 84052		435.646.3721		10. Field and Poo	l, or Exploratory Area
4. Location of Well (Footage, S	Sec., T., R., M., or Survey Descripti	ion)		MONUMENT	
2036 FNL 1837 FEL				11. County or Par	ish, State
SWNE Section 22 T9S R16E				DUCHESNE, U	
12. CHECK	APPROPRIATE BOX(ES) TO INIDICATE N	ATURE OF NO	TICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent	Acidize	Deepen	=	(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplet		Other
Tinal Abandonment	Change Plans Convert to	Plug & Abandon Plug Back	Water Disp	y Abandon oosal	Weekly Status Report
on 3/27/08 MIRU NDSI R csgn to 1,500 psi. Vernal cement & shoe. Drill a 7.8 log's TD to surface. PU & with 300 sks cement mixe	filed only after all requirements, including #3. Set all equipment. Presented BLM field, & Roosevelt DOG 175 hole with fresh water to a TIH with Guide shoe, shoe jet @ 11.0 ppg & 3.43 yld. The ple down Bop's. Drop slips (ressure test Kelly, TI' GM office was notifed a depth of 5950'. Lay it, float collar, 141 jt's ne 400 sks cement m	W, Choke manif I of test. PU BH, down drill string s of 5.5 J-55, 15 nixed @ 14.4 pp	old, & Bop's to A and tag ceme g & BHA. Open 5# csgn. Set @ g & 1.24 yld. R	2,000 psi. Test 8.625 ent @ 300'. Drill out hole log w/ Dig/SP/GR © 5944.14'/ KB. Cement leturned 21 bbls of
correct.(Printed/Typed)	a do and				
Jim Smith		Drilling Foren Date	пап		
Signature 1		04/01/2008			
10/1/	THIS SPACE FOR		ATE OFFICE	USE	
Approved by		Title		Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equ		rant or		11/80	, , , , , , , , , , , , , , , , , , ,
which would entitle the applicant to condu		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent s			willfully to make to a	ny department or age	ncy of the United

(Instructions on reverse)

Lead to the state of the state

APR 0 3 2008

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

	# *		5 1/2"	CASING SET	FIt clir @		-		900	1333027
LAST CAS	ING <u>8 5/8</u>	" SET @	336'		OPERATOR		Newfield F	Production C	Company	
A second	1				WELL					
DATUM TO	CUT OFF	CASING _	12	<u></u>	FIELD/PROS			Butte		
DATUM TO	BRADENH	EAD FLANGE						NDSI Rig#	3	
TO DRILLER	5950'	LOGGER								
HOLE SIZE	7.7/8" 1.42 (1/2)									
LOC DE CA	A si ng stri	NG:							1	
PIECES.			MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
r Perch	3 3 4 7	Landing Jt							14	* * * * * * * * * * * * * * * * * * * *
	87.		3992'/5.95'	· · · · · · · · · · · · · · · · · · ·						
	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	A	5887.98	
(8-3) (8-4) 3 V	3								0.6	
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	42.91	
			GUIDE	shoe			8rd	Α	0.65	
CASING IN	VENTORY B	AL.	FEET	JTS	TOTAL LENG	STH OF STE	RING		5946.14	
TOTAL LEN	IGTH OF ST	RING	5946.14	141	LESS CUT O	FF PIECE			14	
LÉSS NON	CSG. ITEMS	3	15.25		PLUS DATUI	и то т/сит	OFF CSG		12	
PLUS FULL	JTS, LEFT	OUT	424.84	10	CASING SET	DEPTH		ľ	5944.14	
			6355.73	151]1			_		
TOTAL CSC	DEL (W/C	THRDS)	6355.73	151	COMPAR	E				
TIMING	500		1ST STAGE	2nd STAGE						
BEGIN RUN	l CeGr		3/31/2008	7:00 AM	GOOD CIRC	THRU JOB	1	yes		
	LÉ:		3/31/2008	12:00 PM	Bbis CMT CII	RC TO SUR	FACE	21		
BEGIN CIRC			3/31/2008	12:05 PM	RECIPROCA	TED PIPE F	OR	THRU	FT STROKE	
BEGIN PUM	PEMT	,	3/31/2008	1:50 PM	DID BACK PE	RES. VALVE	HOLD ?	yes		·
BEGIN DSP	L.CMT.	<u>'</u>	3/31/2008	2:40 PM	BUMPED PL	UG TO		1450	PSI	
PLUG DOW	Nº i		3/31/2008	3:10 PM						
CEMENT US	SED /			CEMENT CO	MPANY-	B. J.				
STAGE	# SX			CEMENT TYP	E & ADDITIVE	S				
1	300	Premlite II w	/ 10% gel + 3 %	6 KCL, 3#'s /sł	CSE + 2# sk/	kolseal + 1/2	2#'s/sk Cello	Flake		
	1	mixed @ 11	.0 ppg W / 3.43	cf/sk yield						
2	400	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F. 2	% gel. 3% S	M mixed @ 1	14.4 ppg W/ 1.	24 YLD	
CENTRALIZ	ER & SCRA	TCHER PLAC	EMENT			SHOW MAK	E & SPACING	3		
Centralizer	s - Middle f	irst, top seco	ond & third. Th	en every thir	d collar for a	total of 20.				
residente.										
7 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1		:								
	REPRESENT	TATIVE		Jim Smith			DATE _	3/31/2008		
intera Sairtic	The state of the s	,								
	diameter water	-								

COMPONITOR /

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NU	MBER:
HTH-64379	

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

7. UNIT or CA AGREEMENT NAME:

		v wells, significantly de rals. Use APPLICATIO			n-hole depth, reenter plugged such proposals.	7. OHT OF CATAGGERABAT WANDS	
. TYPE OF WELL:	OIL WELL 🔽	GAS WELL 🗌	OTHER			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16	
. NAME OF OPERATOR:						9. API NUMBER:	
NEWFIELD PRODU	UCTION COMPAN	ΙΥ			.=	4301333027	
. ADDRESS OF OPERATOR	R:				PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:	_
Route 3 Box 3630		city Myton	STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE	

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2036 FNL 1837 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 22, T9S, R16E

STATE: UT

II. CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
D NOWIGE OF DIMENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION					
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL					
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON					
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR					
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR					
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUGBACK	WATER DISPOSAL					
(Submit Original Form Only)	☐ CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF					
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Weekly Status Report					
05/13/2008	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION						

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/23/08, attached is a daily completion status report.

_			
NAME (PLEASE PRINT) Jentri Park		/)	ILE Production Clerk
Trible (LEERSETRINT)	- 1 1/ A 1/	101.	Exercise Control of the Control of t
SIGNATURE	WV //	DA DA	TE 05/13/2008

(This space for State use only)

RECEIVED MAY 1 5 2008

Daily Activity Report

Format For Sundry FEDERAL 7-22-9-16 2/1/2008 To 6/30/2008

4/10/2008 Day: 1

Completion

Rigless on 4/9/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5856' & cement top @ 146'. Perforate stage #1, CP5 sds @ 5712-5731' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 76 shots. 140 bbls EWTR. SIFN.

4/18/2008 Day: 2

Completion

Rigless on 4/17/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 45,958#'s of 20/40 sand in 460 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2307 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1725 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1824. 600 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 12' perf gun. Set plug @ 4910'. Perforate B1 sds @ 4793-4805' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. RU BJ & frac stage #2 w/ 40,109#'s of 20/40 sand in 402 bbls of Lightning 17 frac fluid. Open well w/ 1390 psi on casing. Perfs broke down @ 1632 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1811 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1936. 1002 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 18' perf gun. Set plug @ 4750'. Perforate C sds @ 4697-4715' w/ 4 spf for total of 72 shots. RU BJ & frac stage #3 w/ 109,892#'s of 20/40 sand in 801 bbls of Lightning 17 frac fluid. Open well w/ 1335 psi on casing. Perfs broke down @ 3835 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2002 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2125. 1803 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4595' (set high due to sand in casing). Perforate D1 sds @ 46557-68' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 w/ 52,326#'s of 20/40 sand in 490 bbls of Lightning 17 frac fluid. Open well w/ 1950 psi on casing. Perfs broke down @ 4162 psi. Pump 30 gals of Techna Hib chemical, Treated @ ave pressure of 2259 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. ISIP was 2160. 2293 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1 hours & died w/ 70 bbls rec'd. SIFN.

4/19/2008 Day: 3

Completion

Western #2 on 4/18/2008 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Scheafer BOP's. RU 4-3/4" Chomp bit & bit sub. Tally, pick up & TIH w/ new J-55, 2-7/8", 6.5# tbg to tag sand @ 4377'. LD 2 jts tbg. Circulate well clean. SIFN.

4/22/2008 Day: 4

Completion

Western #2 on 4/21/2008 - Open well w/ 0 psi on casing. RU swivel, pump & tanks. C/O to plug @ 4595'. Drlg out plug #1. TIH w/ tbg to tag plg @ 4750'. Drlg out plug #2. TIH w/ tbg to tag sand @ 4765'. C/O to plug @ 4910'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5726'. C/O to PBTD @ 5890'. LD 2 jts tbg. RU swab. IFL was

' surface. Made 8 runs to rec'd 92 bbls fluid. FFL was 1100'. SIFN.

4/23/2008 Day: 5

Completion

Western #2 on 4/22/2008 - Open well w/ 600 psi on casing. . RU swab. IFL was 400'. Made 3 runs to rec'd 42 bbls fluid. Well started to flow. Flowed 66 bbls. Circulate well. Made 9 runs. FFL was 400'. Last run showed trace of oil w/ no sand. Rec'd 84 bbls. 216 bbls total. RD swab equipment. TIH w/ tbg to PBTD @ 5890'. Circulate well clean. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt, TA (new CDI w/ 45,000# shear), 181 jts tbg. RD BOP's. Set TA @ 5696' w/ 16,500#'s tension w/ SN @ 5731', & EOT @ 5795'. Flush tbg w/ 60 bbls fluid. SIFN.

4/24/2008 Day: 6

Completion

Western #2 on 4/23/2008 - Open well w/ 0 psi on casing. Flush tbg w/ 60 bbls fluid. Pick up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 16' x 18' RHAC new CDI pump w/ 157"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 103- 3/4" plain rods, 99- 3/4" guided rods (4 per), 2, 4',6',8' x 3/4" pony rod, 1-1/2" x 26' Polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 12PM w/ 102"SL @ 5 SPM. Final Report.

Pertinent Files: Go to File List

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Account: _	N2695	Today's Date	e: 10/23/2008
complet Violatio resul outlined	te manner ma on by the Division t in the Division I in Rule R649 Section 4	y result in the lion of Oil, Ga on pursuing e 0-10, Adminis 0-6-11 of the e action, the	e issuance of a Notice of as and Mining, and may enforcement action as strative Procedures, and the Utah Code.
			·013·33027 LZ 9s 16e al 7-22-9-16
M	onth(s) of Pr	oblem Repo	ort
Well Name(s)	API N	lumber(s)	Drilling Commenced
	Fail complet Violation result outlined to avoid the fax (801)	Failure to submit complete manner material Violation by the Division outlined in Rule R648 Section 4 To avoid compliance should be section 4 Fax to: (801) 359-3940 Month(s) of Proceedings of the section of the se	Failure to submit reports in a tomplete manner may result in the Violation by the Division of Oil, Garesult in the Division pursuing e outlined in Rule R649-10, Adminis Section 40-6-11 of the should be resolved with the should be resolved as the should be resolved as the should be

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260.

cc: Compliance File RAM Well File CHD

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

ΑΤΊ	$\Gamma \Lambda$	ΛL	_1 B	л	N I	т
~ I	Ю	LJE	711	vI	IV	

Operator: Newfield Production Company Account: N2695 Today's Date: 10/23	2008
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Well Names	API Numbers	Drilling Commenced
Federal 5-18-9-18	4304735582	09/21/2005
Federal 7-22-9-16	4301333027	03/12/2008
Federal 9-24-9-17	4304739263	03/13/2008
Federal 3-1-9-17	4304734939	03/19/2008
Federal 15-24-9-17	4304739269	03/21/2008
State 4-36TA-8-17	4304739962	03/24/2008
Sundance Fed 14-31-8-18	4304734287	05/03/2008
Ute Tribal 14-22-4-2	4301333890	06/03/2008
· · · · · · · · · · · · · · · · · · ·		



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons reverse side) OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

	ı	ITE	1-6/	370

WELL	COMPI	LETION	OR R	ECON	IPLETIO	NR	EPORT A	ND LOG	*	6. IF INDIA		E OR TRIBE NAME NA
1a. TYPE OF WORK								· · · · · · · · · · · · · · · · · · ·		7. UNIT AG	REEMENT N	
		OIL WELL	X	GAS WELL	DR	v 🗀	Other				Fe	ederal
1b. TYPE OF WELL		"ALDE	ш	WELL	ld	<u> </u>	J 9				<u> </u>	
		_	_				•			8. FARM OF	LEASE NAM	ME, WELL NO.
NEW X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR		Other				Federal	7-22-9-16
2. NAME OF OPERATOR					· ' · · ' · · · · · · · · · · · · · · · 					9. WELL NO		
A ANDRONO AND MAY IN	WATE TO	Ne	wfield E	xplora	tion Compa	ny						3-33027
3. ADDRESS AND TELEI		1401 17th	St Sui	te 1000	Denver, 0	20.3	80202			10. FIELD AT		WILDCAT
4. LOCATION OF WE	LL (Report loc	ations clearly	and in accor	dance with	any State require	ments	:.*)			11. SEC., T.,		LOCK AND SURVEY
At Surface	-	2030	5' FNL & 1	837' FEL	L (SW/NE) Se	c. 22	2, T9S, R16E			OR AREA		
At top prod. Interval re	ported below								į		Sec. 22,	T9S, R16E
Additional desirab												
At total depth				14. API NO. 43.	-013-33027		DATE ISSUED	1/23/08		12. COUNTY	OR PARISH Chesne	13. STATE UT
15. DATE SPUDDED	16. DATE T.D.		17. DAT		(Ready to prod.)		18. ELEVATIONS (I		ETC.)*		71100110	19. ELEV. CASINGHEAD
03/12/08	1	/30/08			/23/08		5868		-	5880' K	<u>B</u>	
20. TOTAL DEPTH, MD &	tVD	21. PLUG BAC	CK T.D., MD	& TVD	22. IF MULT HOW M.		COMPL.,	23. INTERVALS DRILLED BY	ROTA	ARY TOOLS		CABLE TOOLS
5950'			5890'		HOW M	" I Pite		DRILLED BY	<u> </u>	Х		
4. PRODUCING INTERV	AL(S), OF THIS	COMPLETION-		M, NAME ((MD AND TVD)*			·				25. WAS DIRECTIONAL
				Green I	River 455	7'-5	5731'					SURVEY MADE
of daily by water -	OTHER T	THE IN A	·-··		·-/www		**************************************					No
26. TYPE ELECTRIC AND Dual Induction	Guard. S	_{KUN} P. Compe	ensated	Densify	v. Compen	sate	d Neutron C	3R. Caliner	Ceme	nt Bond	Hod	27. WAS WELL CORED NO
23.	- uu. u, -	. 1 001.1101	TIOGILO G				all strings set in v		, OCITIO	in Done	Log	140
casing size/0 8-5/8" - J	RADE	WEIGHT		DEPT	TH SET (MD)		HOLE SIZE	TOP OF CE		MENTING RE		AMOUNT PULLED
8-5/8" - J 5-1/2" - J		24 15.			336' 5944'	-	12-1/4" 7-7/8"	To surface 300 sx Prem				
J-1/Z - 0	-00	13.	5#	•	J344	╁╴	7-770	300 SX Prem	ilice il and	1 400 SX 3	U/50 POZ	
9.		LIN	ER RECOR	D		<u>.</u>	·· · · ·	30.	7	TUBING RI	CORD	ł
SIZE	TOP	(MD)	вотто	и (MD)	SACKS CEMEN	IT*	SCREEN (MD)	SIZE		EPTH SET (N	(ID)	PACKER SET (MD)
								2-7/8"		EOT @ 5795		TA @ 5696'
I. PERFORATION REC	OPD (Interval o	ive and number					32.	ACID, SHOT	PDACTI		NT COLLE	
	ERVAL	The same massives	SIZ		SPF/NUMB		DEPTH INTE					MATERIAL USED
		5712'-5731'	.49		4/76		5712'-					and in 460 bbls fluid
		793'-4805'	.49		4/48		4793'-		1			and in 402 bbls fluid
		1697'-4715'	.49		4/72		4697'-					and in 801 bbls fluid
	(D1) 4	557'-4568'	.49		4/44		4557'-	4568	Frac	NI 52,3261	# 20/40 sa	and in 490 bbls fluid
						\dashv			<u> </u>			
					·	-		****				
		, ,	··········									***************************************
3.*			******		PROI							
ATE FIRST PRODUCTION 04/23/0		PRODUCTION) dohtami / 1- C	Flowing, gas つりょく 1	lift, pumpingsize a	and typ	e of pump) RHAC SM F	Nungar Dun	~ ^			ATUS (Producing or shut-in)
ATE OF TEST		JRS TESTED	CHOKE		PROD'N. FOR			GAS-MCF.	11D WATER	-BBL.	<u> </u>	RODUCING IGAS-OIL RATIO
05/40/00					TEST PERIOD				1			
05/18/08 LOW, TUBING PRESS,	CAS	ING PRESSURE	CALCUL	ATED	OIL-BBL.		38 GAS-MCF.	236	WATER	2	OR CDAM	6211
SOW, TODAYOT RESS.	CAS	ING PRESSORE	24-HOUF		OIL-BBL,		GAS-MCF.	_	WAIEK-	DDL.	OIE GRAVII	i i-Ari (CORR.)
				>								
, disposition of gas	(Sold, used for fu	el, vented, etc.)	1 %	ed for	Fuel				ī	EST WITNES	SED BY	
, LIST OF ATTACHMEN	TS /	7)		JOU IUI	ı u c i						.,	
	1.11	4										
5. I hereby certify that the SIGNED	pelforestoiris a	nt attached inf	ormation is	complete ar				e records oduction Te	ech.		- D. (mm	1/13/2009
Jentri Pa	whe #				TITLE		FIL	Jacquion 10		·	DATE	
	7,7		*(\$e	e Instruct	ions and Space	s for	Additional Data o	n Reverse Side	}			
tle 18 U.S.C. Section 1601, make	es it a dime for any	person knowingly and	willfully to mak	e to any departs	ment or agency of the U	nited Sta	ites any false, fictitious or	fraudulent statements or	representations	as to any matter	within its jurisdic	ากกก มี ^{เม} า
		*									INAL	マ といじろ

	TOP	TRUE	VERT. DEPTH								3 -78-71-1-1-1-1			1440			-	 			 		-
IARKERS	F		MEAS, DEPTH	3538'	3750'	3858	41017	4370	4401'	4519	4856'	5375	5833	5950,									
50. GEOLUGIC MARKERS		NAME		Garden Gulch Mkr	Garden Gulch 1	Garden Gulch 2	Point 3 Mkr	X Mkr	Y - WIKT Douglas Creek Mibr	BiCarbonate Mkr	B Limestone Mkr	Castle Peak	Basal Carbonate	I otal Depth (LOGGERS	•				•				
מינה יווד לי בספרו בס' שנה	DESCRIPTION, CONTENTS, ETC.)	Well Name	Federal 7-22-9-16									,									
	BOTTOM																·····,		-		 		
	TOP																						
recoveries);	FURMATION																			-			

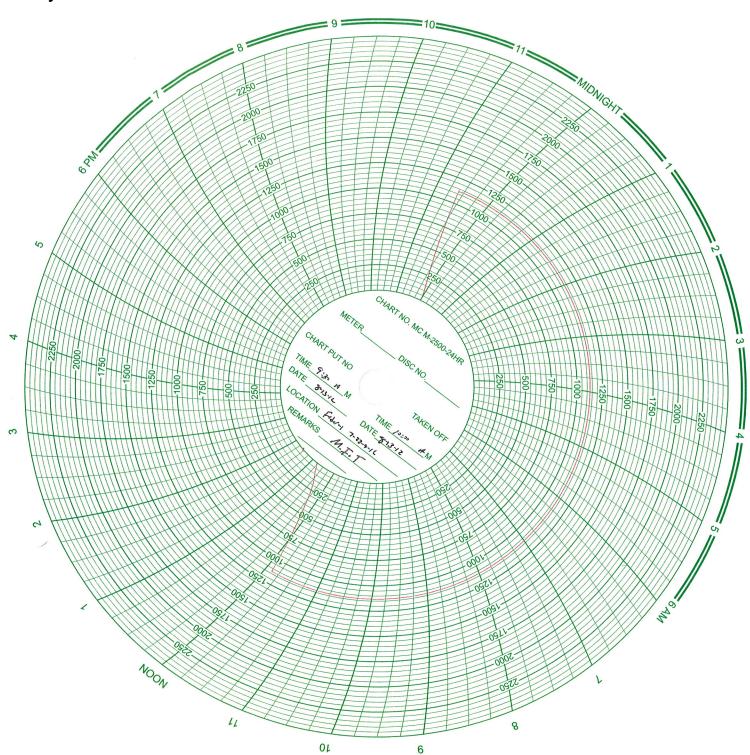
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDR	RY NOTICES AND REPORTS O	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013330270000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FNL 1837 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWNE Section: 2	HIP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 16.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
,	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
8/13/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
_	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
40. DECORUDE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al		
The subject well he injection well on to State of Utah DOG above listed well. Opsig and charted for injecting during the	nas been converted from a problem of the problem of	oducing oil well to an Chris Jensen with the the initial MIT on the pressured up to 1180 loss. The well was not as 400 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: August 28, 2012
NAME (PLEASE PRINT)	PHONE NUMBE		
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician	
SIGNATURE N/A		DATE 8/15/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date 8/13 / 12	Time 9:30 am pm
Test Conducted by: Rys Byly		
Others Present:		
Well: Federal 7-22-5-11	Field: Mon	une- + Buttle
vveii.		
Well Location: [7-22-4-15	API No: 4301	\$330 27
<u>Time</u>	Casing Pressure	
0 min	1180	psig
5	1180	psig
10	1180	psig
15	1180	psig
20	1180	psig
25	1180	psig
30 min	1180	psig
35		psig
40		psig
45		psig
50		_ psig
55		_ psig
60 min		psig
Tubing pressure:	400	psig
Result:	Pass	Fail
Signature of Witness:		·

Signature of Person Conducting Test:



Summary Rig Activity

Page 1 of 3

Daily Activity Report

Format For Sundry FEDERAL 7-22-9-16 6/1/2012 To 10/30/2012

8/7/2012 Day: 1

Conversion

Stone #10 on 8/7/2012 - MIRUSU SWS #10. TOOH LD rod detail. Swab fluid down. - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Wait on wtr. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - Crew travel - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Crew travel - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - Wait on wtr.

Daily Cost: \$0

Cumulative Cost: \$7,419

8/8/2012 Day: 2 Conversion

Stone #10 on 8/8/2012 - TOOH w/ tbg breaking collars & applying Liquid O-Ring to threads. Perforate A3 & A1 sds. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,483

8/9/2012 Day: 3 Conversion

Stone #10 on 8/9/2012 - Make bit & scraper run on N-80 tbg. TIH w/ RBP & PKR. Frac A3 & A1 sds. Flow back - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit &

Summary Rig Activity

Page 2 of 3

scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. - RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS. - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit & scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. -RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS.

Daily Cost: \$0

Cumulative Cost: \$86,289

8/10/2012 Day: 4

Conversion

Stone #10 on 8/10/2012 - Retrieve RBP. TOOH LD N-80 tbg. TIH w/ injection string. Test tbg. - Crew travel & pre-job safety meeting. - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Crew travel & pre-job safety meeting. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN

Daily Cost: \$0

Cumulative Cost: \$108,735

8/14/2012 Day: 5

Conversion

Stone #10 on 8/14/2012 - Retreive SV. RD work floor. ND BOP. Pump PKR fluid. Test csg to 1400 psi. Get good test. RDMOSU WWS #10 - Crew travel & pre-job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! - Crew travel & pre-

Summary Rig Activity Page 3 of 3

job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! **Finalized**

Daily Cost: \$0

Cumulative Cost: \$114,890

8/15/2012 Day: 6

Conversion

Rigless on 8/15/2012 - Conduct initial MIT - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$203,160

Pertinent Files: Go to File List

Sundry Number: 30074 API Well Number: 43013330270000

	STATE OF UTAH		FORM 9			
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	1	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379			
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)				
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 7-22-9-16					
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013330270000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FNL 1837 FEL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 16.0E Meridian:	S	STATE: UTAH			
11. CHECI	K APPROPRIATE BOXES TO INDICATE NA	ATURE OF NOTICE, REPOR	T, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
NOTICE OF INTENT		ALTER CASING	CASING REPAIR			
Approximate date work will start:		CHANGE TUBING	☐ CHANGE WELL NAME CONVERT WELL TYPE			
✓ SUBSEQUENT REPORT		COMMINGLE PRODUCING FORMATIONS				
Date of Work Completion: 9/17/2012		RACTURE TREAT	☐ NEW CONSTRUCTION			
		PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT Date of Spud:		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
		SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON			
☐ DRILLING REPORT		/ENT OR FLARE	☐ WATER DISPOSAL			
Report Date:		SI TA STATUS EXTENSION	APD EXTENSION			
		OTHER	OTHER: Put on Injection			
	completed operations. Clearly show all perence well was put on injection 09/17/2012.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 25, 2012			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician				
SIGNATURE	400 040 4014	DATE				
N/A		9/20/2012				



January 12, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16, 8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

W konshi Cirjan Mandie Crozier

Regulatory Specialist

mc

enclosures

JAN 1 3 2006

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)			OMB No	APPROVED . 1004-0136 nuary 31, 2004			
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	ITERIOR		5. Lease Serial No. UTU-643	579			
APPLICATION FOR PERMIT TO DE		6. If Indian, Allottee or Tribe Name					
AFFEIGATION FOR FERMIT TO BE			N/A				
1a. Type of Work: 🗵 DRILL 🔲 RBENTBE			7. If Unit or CA Agre N/A	eement, Name and No.			
1b. Type of Well: 🔼 Oil Well 🚨 Gas Well 🚨 Other	🗵 Single Zone 🚨 Multi	ple Zone	8. Lease Name and V Federal 7-22				
Name of Operator Newfield Production Company			9. API Well No. 43	-013-33027			
Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		10. Field and Pool, or Monument Bu	•			
4. Location of Well (Report location clearly and in accordance with At surface SW/NE 2036' FNL 1837' FEL 57440			11. Sec., T., R., M., or	Blk. and Survey or Area			
At proposed prod. zone 44299	27 -110.161951			22, T9S R16E			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State			
Approximatley 25.0 miles southwest of Myton, Utah 15. Distance from proposed*	16. No. of Acres in lease	17 Spacin	Duchesne g Unit dedicated to this	UT			
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 604' f/lse, NA' f/unit	1626.36	17. Spacin	40 Acres	Well			
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	BIA Bond No. on file				
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1434'	5955'		JTB000192				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5868' GL	22. Approximate date work will sta	ırt*	23. Estimated duratio Approximately seven (7) days				
3000 GL	24. Attachments		, , , , , , , , , , , , , , , , , , , ,				
The following, completed in accordance with the requirements of Onshor		tached to this	form:				
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover t Item 20 above). 5. Operator certific	he operation ation. specific info	ns unless covered by an	existing bond on file (see			
25. Signature	Name (Printed/Typed)			Date			
Title O MONTH CONTROLL	Mandie Crozier			¦ 1/11/06			
Regulator Specialist				J			
	Name (Printed/Typed) RADLEY G. HILL			Date 01-23-06			
	RONMENTAL SCIENTIST III			· · · · · · · · · · · · · · · · · · ·			
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	egal or equitable title to those rights in	the subject	lease which would entitl	e the applicant to conduct			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly are any matter within its jurisdiction.	nd willfully t	o make to any departme	nt or agency of the United			

*(Instructions on reverse,

of this ary JAN 1 3 2006

T9S, R16E, S.L.B.&M.

S89'57'W - 79.16 (G.L.O.) 2629.55' (Measured) S89°57'W G.L.O. (Basis of Bearings) S89'25'16"W - 2639.18' (Meas.) 1910 1910 Brass Cap Brass Cap Brass Cap 2637.20' DRILLING WINDOW NO0.36,35 1837' (G.L.O.) N00.02'W 1910 1910 Brass Cap Brass Cap WELL LOCATION: 9 MILE 7-22-9-16 ELEV. UNGRADED GROUND =5867.7' VOO"24"02"W 1910 1910 Brass Cap Brass Cap S88°53'03"W - 2662.67' (Meas.) N89°53'02"W - 2629.46' (Meas.) S89'58'W - 79.82 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 7-22-9-16 (Surface Location) NAD 83 LATITUDE = 40° 01' 04.87" LONGITUDE = 110° 06' 09.26"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPPRISED NOT THE BEST OF MY KNOWLEDGE AND SPILEP NO.189377

REGISTER D LAND SURVEYOR REGISTRA RON NO. 1093300

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(, , ,
DATE SURVEYED: 11-24-05	SURVEYED BY: C.M.
DATE DRAWN: 12-6-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #7-22-9-16 SW/NE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2350' Green River 2350' Wasatch 5955'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2350' - 5955' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #7-22-9-16 SW/NE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #7-22-9-16 located in the SW 1/4 NE 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly – 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly – 10.1 miles \pm to it's junction with and existing road to the east; proceed northeasterly – 1.3 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly – 5,790' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #7-22-9-16 Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along the access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 3400' ROW be granted in Lease UTU-74392 and 2390' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass

Agropyron Cristatum

12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #7-22-9-16 was on-sited on 8/31/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

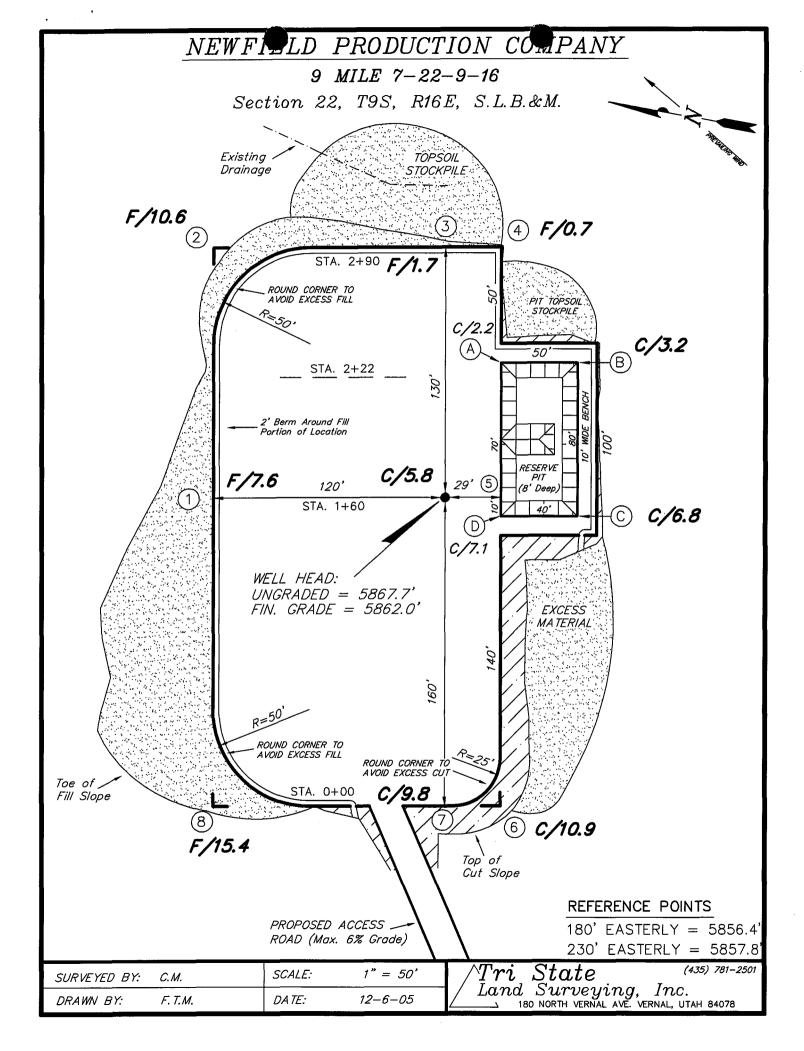
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-22-9-16 SW/NE Section 22, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filling of a false statement.

1/1/06 Date

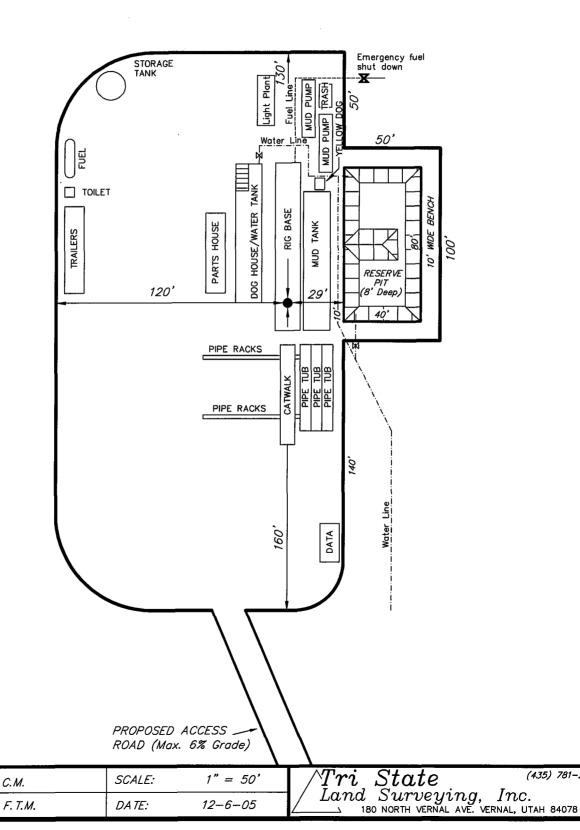
Mandie Crozier Regulatory Specialist

Newfield Production Company



NEW FIELD PRODUCTION COMPANY CROSS SECTIONS 9 MILE 7-22-9-16 20, Ш STA. 2+90 1" = 50'20, II STA. 2+22 1" = 50'**EXISTING GRADE** FINISHED GRADE WELL HOLE 20, Ш 1" = 50STA. 1+60 20, Ш 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) ITEM CUT FILL 6" TOPSOIL **EXCESS** Topsoil is not included in Pad Cut PAD 5,430 5,430 NOTE: UNLESS OTHERWISE NOTED PIT 640 640 ALL CUT/FILL SLOPES ARE **TOTALS** 6,070 5,430 1,160 640 AT 1.5:1 Tri~State (435) 781-. Land~Surveying,~Inc.180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 1" = 50' SCALE: SURVEYED BY: C.M. DRAWN BY: F. T.M. DATE: 12-6-05

NEWF-ELD PRODUCTION COMPANY TYPICAL RIG LAYOUT 9 MILE 7-22-9-16

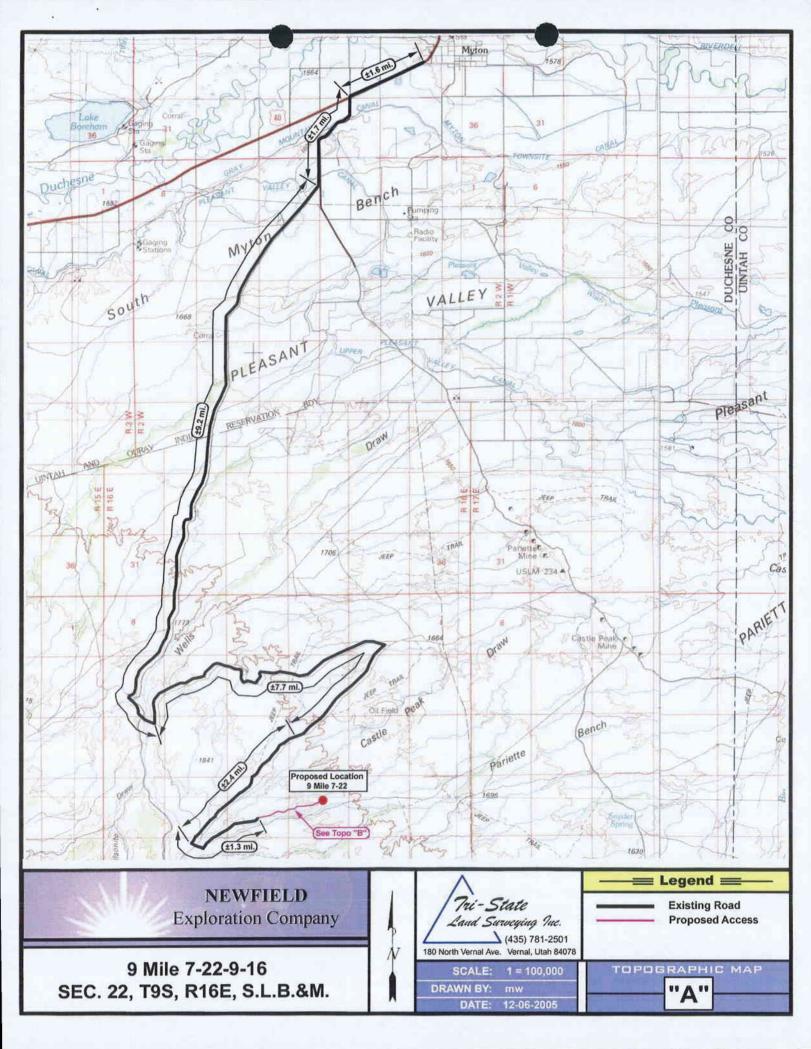


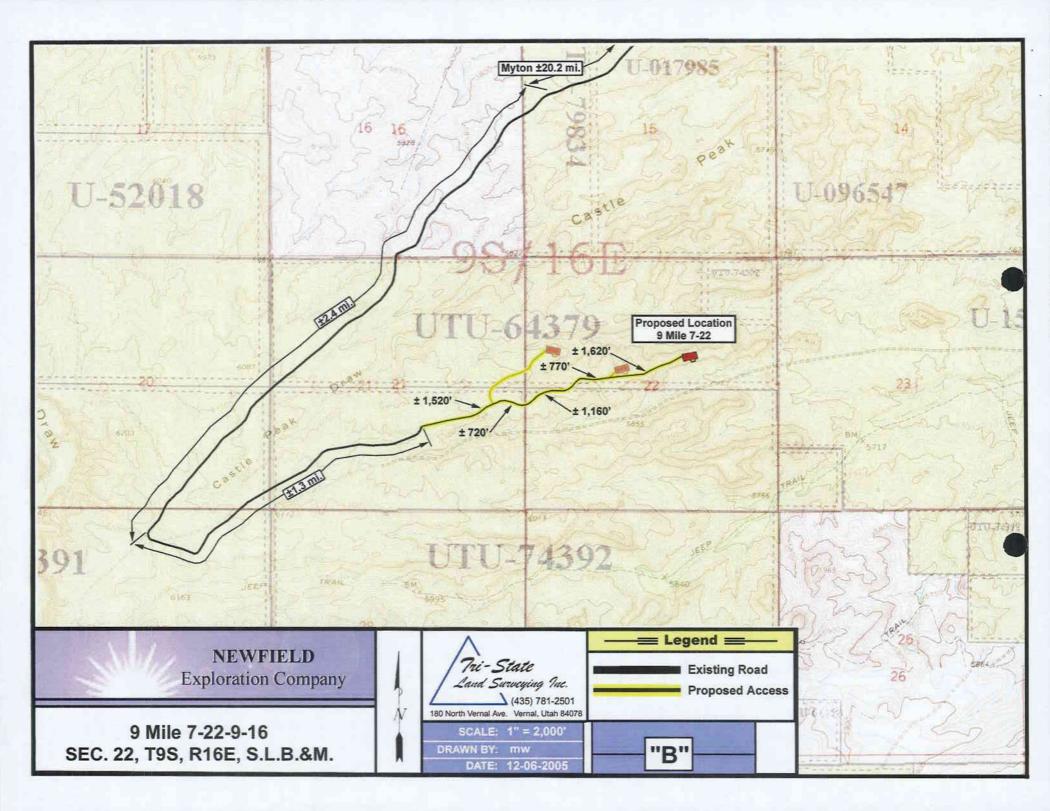
C.M.

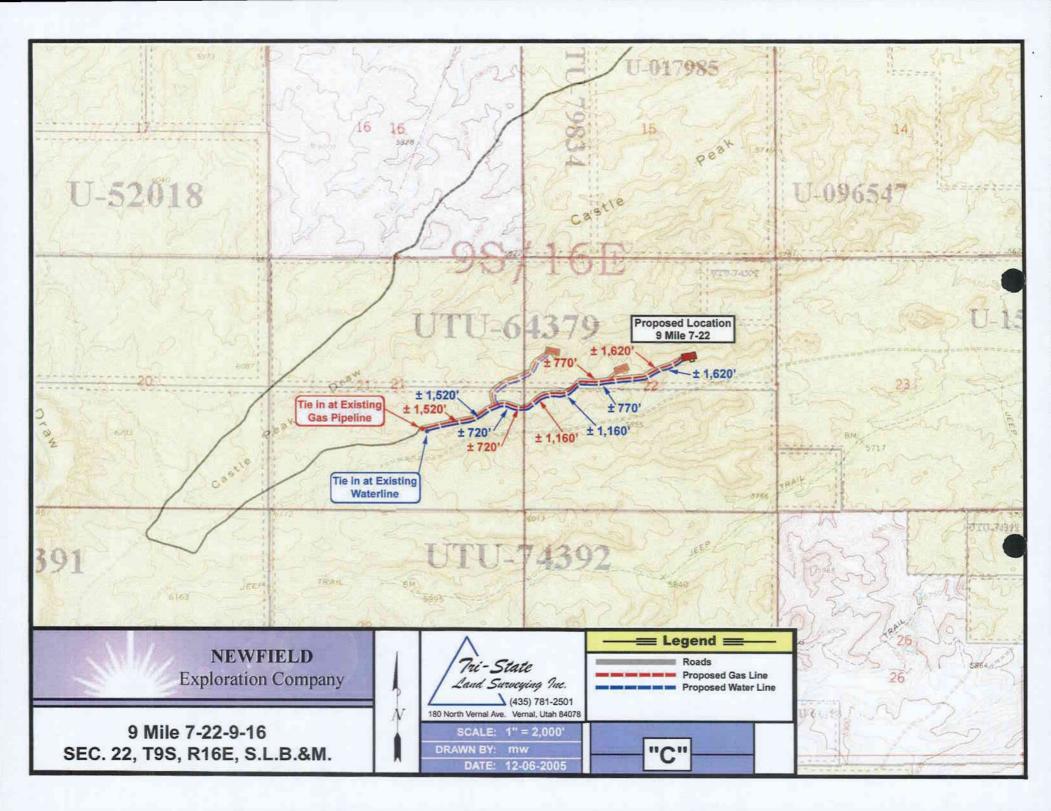
SURVEYED BY:

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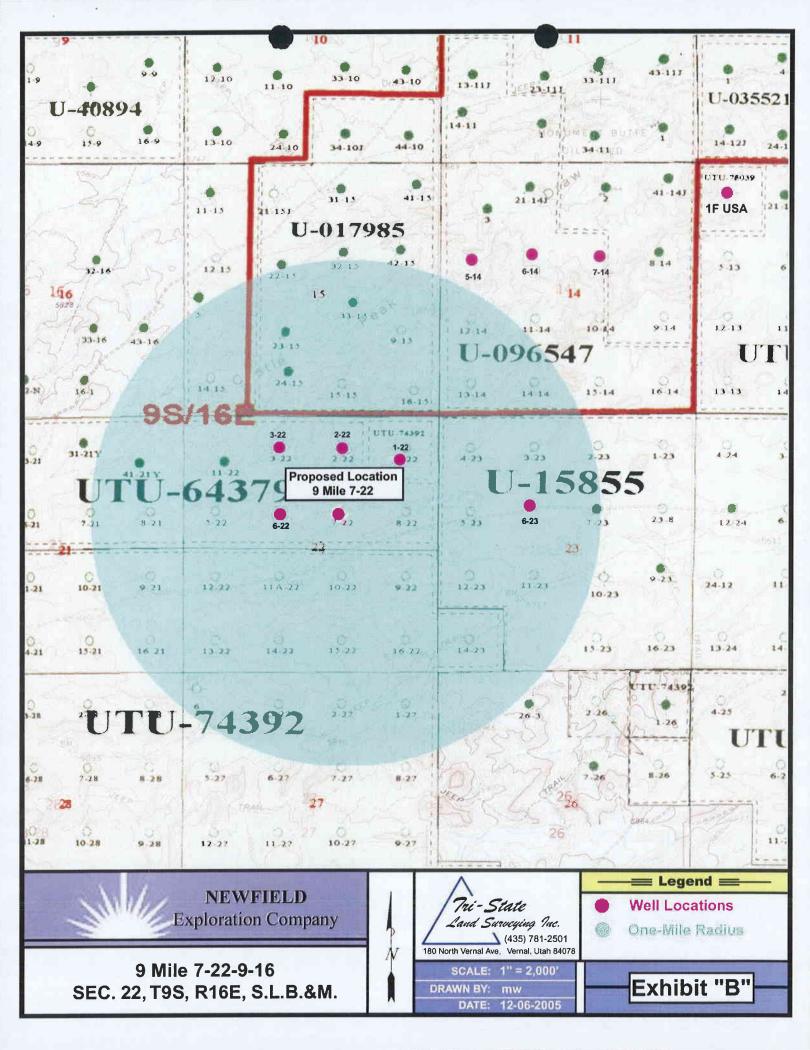
(435) 781-2501







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2-M SYSTEM

Blowout Prevention Equipment Systems

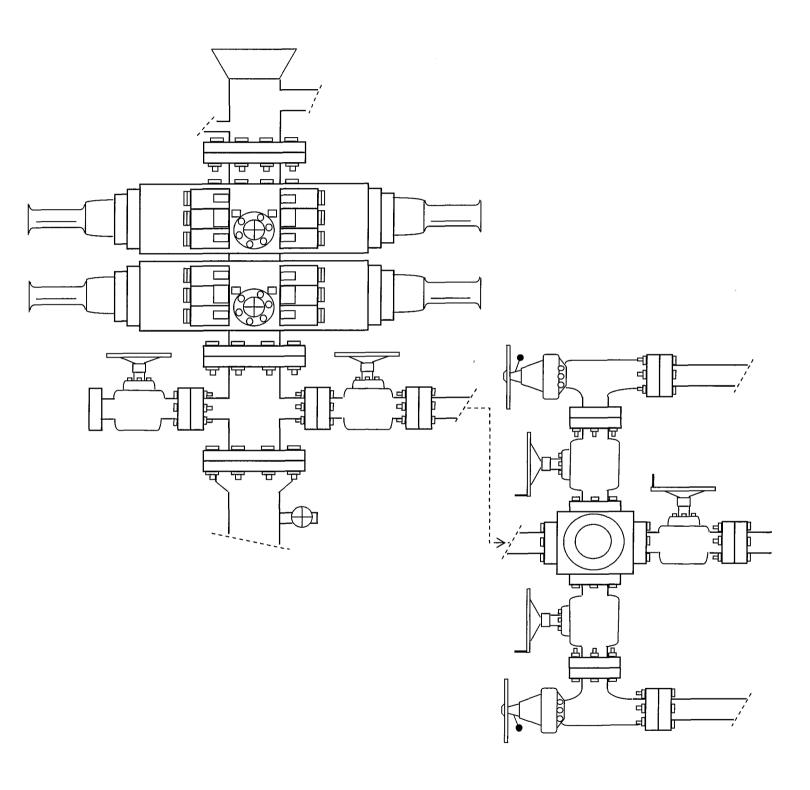


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22, DUCHESNE COUNTY, UTAH

Ву:

Katie Simon

Prepared For:

Bureau fo Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0709b

Permit No. 05-UT-60122

Page 252

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

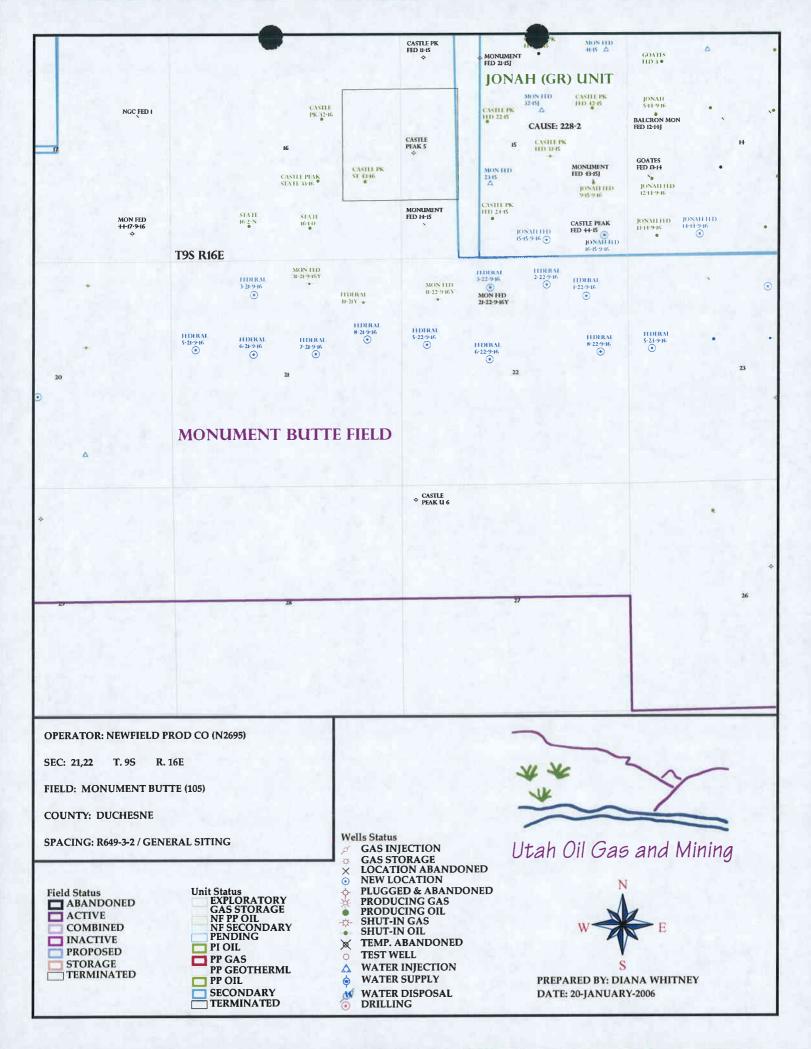
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

APD RECEIVED: 01/13/2006	API NO. ASSIG	API NO. ASSIGNED: 43-013-33027							
WELL NAME: FEDERAL 7-22-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER:	435-646-3721	L						
PROPOSED LOCATION:	INSPECT LOCATN	BY: /	/						
SWNE 22 090S 160E SURFACE: 2036 FNL 1837 FEL	Tech Review	Initials	Date						
BOTTOM: 2036 FNL 1837 FEL	Engineering								
COUNTY: DUCHESNE	Geology								
LATITUDE: 40.01796 LONGITUDE: -110.1020 UTM SURF EASTINGS: 576640 NORTHINGS: 442992	Surface								
FIELD NAME: MONUMENT BUTTE (105)									
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-64379 SURFACE OWNER: 1 - Federal RECEIVED AND/OR REVIEWED: L	PROPOSED FORMAT COALBED METHANE OCATION AND SITING:								
Plat Bond: Fed[1] Ind[] Sta[] Fee[]	R649-2-3. nit: R649-3-2. General Siting: 460 From Qto R649-3-3. Excep Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directions	tion							
STIPULATIONS: Sop, Separate F	ra O		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
stipulations: 1- leding () Oppring 2- Spacing Ship									





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

January 23, 2006

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: Federal 7-22-9-16 Well, 2036' FNL, 1837' FEL, SW NE, Sec. 22, T. 9 South,

R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33027.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Lease:	UTU-64379		
API Number: Lease:	43-013-33027 UTU-64379		
A DT Marack and	42 012 22027		
Well Name & Number	Federal 7-22-9-16		-
Operator:	Newfield Producti	on Company	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FQRM 3160-5

UNITED STATES	FORM APPROVED
ARTMENT OF THE INTERIOR	Budget Bureau No. 1
AND ANY ONLY AND MARKADIA CONSCIONO	

UNITED STATES				
DEPARTMENT OF THE INTERIOR				
RUDEAU OF LAND MANAGEMENT				

(June 1990) DEPARTMEN BUREAU OF 1	Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.	
SUNDRY NOTICES AND	REPORTS ON WELLS	UTU-64379
Do not use this form for proposals to drill or to dee Use "APPLICATION F	6. If Indian, Allottee or Tribe Name NA	
SUBMIT IN	TRIPLICATE	7. If Unit or CA, Agreement Designation N/A
X Oil Gas Well Other		8. Well Name and No. FEDERAL 7-22-9-16 9. API Well No.
2. Name of Operator		43-013-33027
NEWFIELD PRODUCTION COMPANY 3. Address and Telephone No.		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
Rt. 3 Box 3630, Myton Utah, 84052 435-6	46-3721	11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2036 FNL 1837 FEL SW/NE Section	n 22, T9S R16E	DUCHESNE COUNTY, UT.
	TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION	TYPE O	FACTION
X Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Permit Extension	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
	A Out	1 1 Dispose water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/07).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

1			<u> </u>	
14. I hereby certify that the foregoing is true and correct Signed Mandie Crozier	Title	Regulatory Specialist	Date	1/5/2007
CC: UTAH DOGM				
(This space for Federal or State office use)				
Approved by	Title		Date	
Conditions of approval, if any:				
CC: Utah DOGM				, <u>}</u>

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33027 Well Name: Federal 7-22-9-16 Location: SW/NE Section 22,T9S R16E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 1/23/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□ ∩∩
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No ☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□Noা☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Mandie Crossis 1/5/2007
Signature Date
Title: Regulatory Specialist
Representing: Newfield Production Company

more at the late

JAN 13 2006

					• • • • •
Form 3160-3 (September 2001)				FORM APPR OMB No. 100 Expires January	4-0136
UNITED STATES DEPARTMENT OF THE INTERIOR				5. Lease Serial No. UTU-64379	
BUREAU OF LAND MANAC				6. If Indian, Allottee or	Frihe Name
APPLICATION FOR PERMIT TO DR	RILL OR I	REENTER		N/A	
la. Type of Work: DRILL REENTER	₹			7. If Unit or CA Agreeme N/A	ent, Name and No.
1b. Type of Well:	Ϫ .	Single Zone 🔲 Multi	ple Zone	8. Lease Name and Well Federal 7-22-9-	
2. Name of Operator				9. API Well No.	クムへつ
Newfield Production Company				43.01313	50d /
3a. Address	i	No. (include area code) 35) 646-3721		10. Field and Pool, or Exp Monument Butte	loratory /
Route #3 Box 3630, Myton UT 84052	<u> </u>			11. Sec., T., R., M., or Blk	. and Survey or Area
4. Location of Well (Report location clearly and in accordance with	any State req	quirements.*)		11. 520, 17, 13, 111, 11	
At surface SW/NE 2036' FNL 1837' FEL				SW/NE Sec. 22, 1	Γ9S R16E
At proposed prod. zone				12 Carta - Basish	13. State
14. Distance in miles and direction from nearest town or post office*				12. County or Parish Duchesne	UT
Approximatley 25.0 miles southwest of Myton, Utah	1,6 3	C. A	17 Causia		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to peacest drift, unit line, if any) Approx. 604' f/lse, NA' f/unit		f Acres in lease	17. Spacin	g Unit dedicated to this well 40 Acres	
(Also to nearest drig. unit line, if any) Approx. 604 1/1se, NA 1/10111			20. DLM/I	BIA Bond No. on file	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1434'	19. Proposed Depth c. 1434' 5955'			UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Appro	oximate date work will st	irt*	23. Estimated duration	
5868' GL	1st (Quarter 2006		Approximately seven (7) days from	spud to rig release.
	24. At	tachments			
The following, completed in accordance with the requirements of Onsho	re Oil and G	as Order No.1, shall be a	tached to thi	s form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	Item 20 above). 5. Operator certification	cation. specific inf	ns unless covered by an exi- ormation and/or plans as n	
25. Signature Jawrlio Crossin		ne (Printed/Typed) andie Crozier		Di	1/11/06
Title Regulatory Specialist					
Approved by (Signature)	Na	me (Printed/Typed)		,	ate
the Home	<u> </u>	FRANT KENOT	KA	1 ,	10-2-2007
Title Assistant Field Manager	į Of ⊧	Tice VER	INAL FI	ELD OFFICE	
Application approval does not warrant or certify the the applicant holds operations thereon. Conditions of approval, if any, are attached.			n the subject	lease which would entitle th	se applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make i States any false, licitious or fraudulent statements or representations as	it a crime for	r any person knowingly a	and willfully	to make to any department	or agency of the Unite

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

OCT 1 0 2007

DIV. OF OIL, GAS & MINING

07BM4733A



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **VERNAL FIELD OFFICE** 170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

Location:

SWNE, Sec 22, T9S, R16E

435-828-4470 435-828-7875 435-828-7874 435-828-7368 435-828-3913 435-828-4029

Well No:

Title

Federal 7-22-9-16

Lease No:

UTU-64379

43-013-33027 API No:

Agreement:

N/A

Office Phone Number	Cell Phone Number

1100			
Petroleum Engineer:	Matt Baker	435-781-4490	
Petroleum Engineer:	Michael Lee	435-781-4432	
Petroleum Engineer:	James Ashley	435-781-4470	
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
MUS/EIMIO SCIENCISC	daminos Sanoi	100 101 0100	

Name

Michael Cutler 435-781-3401 NRS/Enviro Scientist:

Anna Figueroa 435-781-3407 NRS/Enviro Scientist: Verlyn Pindell 435-781-3402 NRS/Enviro Scientist: 435-781-4447 Darren Williams

NRS/Enviro Scientist: Nathan Packer 435-781-3405 NRS/Enviro Scientist:

Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

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SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Specific Surface COAs

Lease Notices (field review and RMP):

- Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat.
 Modifications may be required in the Surface Use Plan to protect the Golden and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- The proposed area contains poor Mountain Plover habitat due to dense vegetation and many rolling hills.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during
 periods when the soil is too wet to adequately support vehicles and/or construction equipment.
 If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet
 to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

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- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

Interim Reclamation:

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the
well is completed, and the reserve pit is closed, the topsoil shall be spread and re-contoured on
the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper
than 2 feet.

The interim seed mix for this location shall be:

Crested wheat grass (Agropyron cristatum): 4 lbs/acre Needle and Thread grass (Hesperostipa comata): 4 lbs/acre Indian Rice grass (Achnatherum hymenoides): 4 lbs/acre

All pounds are in pure live seed.

Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- Certified weed free seed and straw shall be used for final and interim and reclamation. The
 operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit.
 When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and the stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

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- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixtures shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in the fall.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim reclamation bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

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DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A variance is granted for O.O. #2 III. E. 1.
- The blooie line shall be straight or have targeted tees for bends in the line.
- Not requiring an automatic igniter or continuous pilot on the blooie line
- Run a cement bond log from TD to the base of the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

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(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

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OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on which
 the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core

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data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval of
 the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of
 operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or abandoned,
 all pits must be fenced immediately until they are backfilled. The "Subsequent Report of
 Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the
 well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole,
 and the current status of the surface restoration.

FORM 3160-5 (June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVE)
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Budget Bureau No. 1004-0135 Expires: March 31, 1993

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UTU	-6437	9
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SUNDRY NOTICES AND REPORTS ON WELLS

Use "APPLICATION F	NA	
SUBMIT IN	I TRIPLICATE CENED	7. If Unit or CA, Agreement Designation N/A
X Oil Well Gas Well Other	RECEIVED AN 0.9 2008 JAN 0.9 2008 DIV. OF OIL, GAS & V.	8. Well Name and No. FEDERAL 7-22-9-16 9. API Well No.
2. Name of Operator NEWFIELD PRODUCTION COMPANY 3. Address and Telephone No.	DN.OF OIL, GAS T	43-013-33027 10. Field and Pool, or Exploratory Area MONUMENT BUTTE
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 2036 FNL 1837 FEL SW/NE Section	on 22, T9S R16E	DUCHESNE COUNTY, UT.
TYPE OF SUBMISSION) TO INDICATE NATURE OF NOTICE, REPO	F ACTION
X Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing Other Permit Extension	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent detail	s, and give pertinent dates, including estimated date of starting any propose	

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/08).

This APD is not due to expire with the BLM.

Approved by the Utah Division of Oil, Gas and Mining

Regulatory Specialist

Date

Date

1/8/2008

Mandie Crozier CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

CC: Utah DOGM

Title

Title

Application for Permit to Drill Request for Permit Extension Validation

PECEIVED

JAN 0 9 2008

TW. OF OIL, GAS & MINING

ension)

Well Name: Federal 7-22-9-16 Location: SW/NE Section 22,T9S R16E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 1/23/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☑ No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Signature Date
Title: Regulatory Specialist
Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	NEWFIELD PRODUCTION COMPANY							
Well Name:	ne:FEDERAL 7-22-9-16								
Api No <u>:</u>	43-013-3	3027			Lease Type:_	FE	DERAL		
Section 22	_Township_	09S	Range_	16E	County	DU	UCHESNE		
Drilling Cor	ntractor	ND	SI		RIC	G #_	NS#1		
SPUDDE	D:								
	Date	03/1	2/08						
	Time	11:	00 AM						
	How	DR	<u>Y</u>						
Drilling w	ill Comme	nce:							
Reported by		BF	RANDO	N HAI	L				
Telephone #	· · · · · · · · · · · · · · · · · · ·	(43	35) 828-0	6110					
Date	03/12/08		Signe	d	CHD				

FORM 3160-5	
tember 2001)	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OF THE INTERIOR

ND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

٥.	Lease Se	riai No.	
7	UTU-643	79	
6	If Indian	Allottee or Tribe Name	

SUBMITANT	RIPLICATE - Other, Instr	uctions on reverse:	side	7. If Unit or CA/A	Agreement, Name and/or
1. Type of Well Oil Well Gas Well	0 M 11 M				
Name of Operator	Other			8. Well Name and Federal 7-22-9	
NEWFIELD PRODUCTION CO)MPANY			9. API Well No.	7-10
3a. Address Route 3 Box 3630		3b. Phone (include a	re code)	4301333027	
Myton, UT 84052		435.646.3721		10. Field and Poo	l, or Exploratory Area
4. Location of Well (Footage, S	Sec., T., R., M., or Survey Descripti	ion)		MONUMENT	
2036 FNL 1837 FEL				11. County or Par	ish, State
SWNE Section 22 T9S R16E				DUCHESNE, U	
12. CHECK	APPROPRIATE BOX(ES) TO INIDICATE N	ATURE OF NO	TICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent	Acidize	Deepen	=	(Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplet		Other
Tinal Abandonment	Change Plans Convert to	Plug & Abandon Plug Back	Water Disp	y Abandon oosal	Weekly Status Report
on 3/27/08 MIRU NDSI R csgn to 1,500 psi. Vernal cement & shoe. Drill a 7.8 log's TD to surface. PU & with 300 sks cement mixe	filed only after all requirements, including #3. Set all equipment. Present BLM field, & Roosevelt DOG 175 hole with fresh water to a TIH with Guide shoe, shoe jet @ 11.0 ppg & 3.43 yld. The ple down Bop's. Drop slips (ressure test Kelly, TI' GM office was notifed a depth of 5950'. Lay it, float collar, 141 jt's ne 400 sks cement m	W, Choke manif I of test. PU BH, down drill string s of 5.5 J-55, 15 nixed @ 14.4 pp	old, & Bop's to A and tag ceme g & BHA. Open 5# csgn. Set @ g & 1.24 yld. R	2,000 psi. Test 8.625 ent @ 300'. Drill out hole log w/ Dig/SP/GR © 5944.14'/ KB. Cement leturned 21 bbls of
correct.(Printed/Typed)	a do and				
Jim Smith		Drilling Foren Date	пап		
Signature 1		04/01/2008			
10/1/	THIS SPACE FOR		ATE OFFICE	USE	
Approved by		Title		Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equ		rant or		11/80	, , , , , , , , , , , , , , , , , , ,
which would entitle the applicant to condu		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent s			willfully to make to a	ny department or age	ncy of the United

(Instructions on reverse)

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APR 0 3 2008

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

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DATUM TO	CUT OFF C	ASING	12	!	FIELD/PRO	SPECT	Monumen	t Butte		
DATUM TO	BRADENHI	EAD FLANGE				_	t		1 3	
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	34	-							0.6	
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	<u> </u>	ļ	GUIDE	shoe			8rd	Α	0.65	
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LESS NON		 	15.25	<u> </u>	PLUS DATU		T OFF CSG		12	
PLUS FULL		DUT	424.84	10	CASING SE	T DEPTH			5944.14	
DANAMAN TANAMAN	23276430	1	6355.73	151	1					
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TIMING	7612		1ST STAGE	2nd STAGE						
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BEGIN PUM	emt ·	<u> </u>	3/31/2008	1:50 PM	DID BACK P	RES. VALVI	EHOLD? _	yes		* s
BEGIN DSPL	17:00		3/31/2008	2:40 PM	BUMPED PL	UG TO _		1450	PSI	
PLUG DOWI	5777	1	3/31/2008	3:10 PM						
CEMENT US	ED,	-		CEMENT CO	MPANY-	B. J.				
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES				
1	300	Premlite II w	/ 10% gel + 3 %	% KCL, 3#'s /sł	CSE + 2# sk	/kolseal + 1/	2#'s/sk Cello	Flake		
			.0 ppg W / 3.43							
2	400		// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3% \$	SM mixed @	14.4 ppg W/ 1	1.24 YLD	
CENTRALIZE							E & SPACIN	3		
Centralizers	- Middle fi	rst, top seco	ond & third. Th	en every thin	d collar for a	total of 20				
Designation	1983.E. V									
TOMI, CAC										
to Edition										
COMPANY R	EPRESENT	ATIVE	· · · · · · · · · · · · · · · · · · ·	Jim Smith			DATE _	3/31/2008		
Sig Wildle	3 4 7 7 7 7									
ALCONOMICS	ST 1882									•
Samuel Calabatic	2011									Na. r
upequeriyayek										
ring over										•
CEMPA										
tati e i en a la compania de la comp										

COMPONITOR /

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NU	MBER:
HTH-64379	

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.						7. OHT OF CATAGGERABAT WANDS	
. TYPE OF WELL:	OIL WELL 🔽	GAS WELL 🗌	OTHER			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16	
. NAME OF OPERATOR:						9. API NUMBER:	
NEWFIELD PRODU	UCTION COMPAN	ΙΥ			.=	4301333027	
. ADDRESS OF OPERATOR	R:				PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:	_
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721						MONUMENT BUTTE	

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2036 FNL 1837 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 22, T9S, R16E

STATE: UT

1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION		TYPE OF ACTION							
D vorses or numbur	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION						
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON						
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR						
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR						
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUGBACK	WATER DISPOSAL						
(Submit Original Form Only)	☐ CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF						
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Weekly Status Report						
05/13/2008	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION							

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/23/08, attached is a daily completion status report.

_			
NAME (PLEASE PRINT) Jentri Park		/)	TLE Production Clerk
THURL (I BENGET KINT)	La A 1/	101.	
SIGNATURE	WV //	DA DA	TE05/13/2008

(This space for State use only)

RECEIVED MAY 1 5 2008

Daily Activity Report

Format For Sundry FEDERAL 7-22-9-16 2/1/2008 To 6/30/2008

4/10/2008 Day: 1

Completion

Rigless on 4/9/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5856' & cement top @ 146'. Perforate stage #1, CP5 sds @ 5712-5731' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 76 shots. 140 bbls EWTR. SIFN.

4/18/2008 Day: 2

Completion

Rigless on 4/17/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 45,958#'s of 20/40 sand in 460 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2307 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1725 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1824. 600 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 12' perf gun. Set plug @ 4910'. Perforate B1 sds @ 4793-4805' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. RU BJ & frac stage #2 w/ 40,109#'s of 20/40 sand in 402 bbls of Lightning 17 frac fluid. Open well w/ 1390 psi on casing. Perfs broke down @ 1632 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1811 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1936. 1002 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 18' perf gun. Set plug @ 4750'. Perforate C sds @ 4697-4715' w/ 4 spf for total of 72 shots. RU BJ & frac stage #3 w/ 109,892#'s of 20/40 sand in 801 bbls of Lightning 17 frac fluid. Open well w/ 1335 psi on casing. Perfs broke down @ 3835 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2002 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2125. 1803 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4595' (set high due to sand in casing). Perforate D1 sds @ 46557-68' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 w/ 52,326#'s of 20/40 sand in 490 bbls of Lightning 17 frac fluid. Open well w/ 1950 psi on casing. Perfs broke down @ 4162 psi. Pump 30 gals of Techna Hib chemical, Treated @ ave pressure of 2259 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. ISIP was 2160. 2293 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1 hours & died w/ 70 bbls rec'd. SIFN.

4/19/2008 Day: 3

Completion

Western #2 on 4/18/2008 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Scheafer BOP's. RU 4-3/4" Chomp bit & bit sub. Tally, pick up & TIH w/ new J-55, 2-7/8", 6.5# tbg to tag sand @ 4377'. LD 2 jts tbg. Circulate well clean. SIFN.

4/22/2008 Day: 4

Completion

Western #2 on 4/21/2008 - Open well w/ 0 psi on casing. RU swivel, pump & tanks. C/O to plug @ 4595'. Drlg out plug #1. TIH w/ tbg to tag plg @ 4750'. Drlg out plug #2. TIH w/ tbg to tag sand @ 4765'. C/O to plug @ 4910'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5726'. C/O to PBTD @ 5890'. LD 2 jts tbg. RU swab. IFL was

' surface. Made 8 runs to rec'd 92 bbls fluid. FFL was 1100'. SIFN.

4/23/2008 Day: 5

Completion

Western #2 on 4/22/2008 - Open well w/ 600 psi on casing. . RU swab. IFL was 400'. Made 3 runs to rec'd 42 bbls fluid. Well started to flow. Flowed 66 bbls. Circulate well. Made 9 runs. FFL was 400'. Last run showed trace of oil w/ no sand. Rec'd 84 bbls. 216 bbls total. RD swab equipment. TIH w/ tbg to PBTD @ 5890'. Circulate well clean. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt, TA (new CDI w/ 45,000# shear), 181 jts tbg. RD BOP's. Set TA @ 5696' w/ 16,500#'s tension w/ SN @ 5731', & EOT @ 5795'. Flush tbg w/ 60 bbls fluid. SIFN.

4/24/2008 Day: 6

Completion

Western #2 on 4/23/2008 - Open well w/ 0 psi on casing. Flush tbg w/ 60 bbls fluid. Pick up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 16' x 18' RHAC new CDI pump w/ 157"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 103- 3/4" plain rods, 99- 3/4" guided rods (4 per), 2, 4',6',8' x 3/4" pony rod, 1-1/2" x 26' Polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 12PM w/ 102"SL @ 5 SPM. Final Report.

Pertinent Files: Go to File List

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Account: <u>N269</u>	5 Today's Dat	e: 10/23/2008				
complete mar Violation by t result in the outlined in Ru So To avoid con	Failure to submit reports in a timely, accurate, at complete manner may result in the issuance of a No Violation by the Division of Oil, Gas and Mining, and result in the Division pursuing enforcement action outlined in Rule R649-10, Administrative Procedures Section 40-6-11 of the Utah Code. To avoid compliance action, these reporting profeshould be resolved within 7 days.					
<u>Fax to:</u> (801) 359		·013·33027 22 9s 16e al 7-22-9-16				
Month(s) of Problem Repo	ort				
Well Name(s)	API Number(s)	Drilling Commenced				
	Failure to complete mar Violation by the result in the outlined in Rung Section Sectio	Failure to submit reports in a complete manner may result in the Violation by the Division of Oil, Gresult in the Division pursuing outlined in Rule R649-10, Admini Section 40-6-11 of the Should be resolved with the Should be				

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260.

cc: Compliance File RAM Well File CHD

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

ΑΤΊ	$\Gamma \Lambda$	ΛL	_1 B	л	N I	т
~ I	Ю	LJE	711	vI	IV	

Operator: Newfield Production Company Account: N2695 Today's Date: 10/23	2008
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Well Names	API Numbers	Drilling Commenced
Federal 5-18-9-18	4304735582	09/21/2005
Federal 7-22-9-16	4301333027	03/12/2008
Federal 9-24-9-17	4304739263	03/13/2008
Federal 3-1-9-17	4304734939	03/19/2008
Federal 15-24-9-17	4304739269	03/21/2008
State 4-36TA-8-17	4304739962	03/24/2008
Sundance Fed 14-31-8-18	4304734287	05/03/2008
Ute Tribal 14-22-4-2	4301333890	06/03/2008
· · · · · · · · · · · · · · · · · · ·		



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons reverse side) OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

	ı	ITE	1-6/	270

WELL	COMPI	LETION	OR R	ECON	IPLETIO	NR	EPORT A	ND LOG	*	6. IF INDIA		E OR TRIBE NAME NA	
1a. TYPE OF WORK								· · · · · · · · · · · · · · · · · · ·		7. UNIT AG	REEMENT N		
		OIL WELL	X	GAS WELL	DR	v 🗀	Other				Fe	ederal	
1b. TYPE OF WELL		"ALDE	ш	WELL	ld	<u> </u>	J 9				<u> </u>		
		_	_				•			8. FARM OF	LEASE NAM	ME, WELL NO.	
NEW X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR		Other				Federal	7-22-9-16	
2. NAME OF OPERATOR					· ' · · ' · · · · · · · · · · · · · · · 					9. WELL NO			
3. ADDRESS AND TELE	WATE TO	Ne	wfield E	xplora	tion Compa	ny						3-33027	
3. ADDRESS AND TELEI		1401 17th	St Sui	te 1000	Denver, 0	20.3	80202		ľ	10. FIELD AT		WILDCAT	
4. LOCATION OF WE	LL (Report loc	ations clearly	and in accor	dance with	any State require	ments	:.*)			11. SEC., T.,		LOCK AND SURVEY	
At Surface	-	2030	5' FNL & 1	837' FEL	L (SW/NE) Se	c. 22	2, T9S, R16E			OR AREA			
At top prod. Interval re	ported below								į		Sec. 22,	T9S, R16E	
Additional desirab													
At total depth				14. API NO. 43.	-013-33027		DATE ISSUED	1/23/08		12. COUNTY	OR PARISH Chesne	13. STATE UT	
15. DATE SPUDDED	16. DATE T.D.		17. DAT		(Ready to prod.)		18. ELEVATIONS (I		ETC.)*		71100110	19. ELEV. CASINGHEAD	
03/12/08	1	/30/08			/23/08		5868	•	-	5880' K	<u>B</u>		
20. TOTAL DEPTH, MD &	TVD	21. PLUG BAC	CK T.D., MD	& TVD	22. IF MULT HOW M.		COMPL.,	23. INTERVALS DRILLED BY	ROTA	ARY TOOLS		CABLE TOOLS	
5950'			5890'		HOW M	" I Pite		DRILLED BY	<u> </u>	Х			
4. PRODUCING INTERV	AL(S), OF THIS	COMPLETION-		M, NAME ((MD AND TVD)*			·				25. WAS DIRECTIONAL	
				Green I	River 455	7'-5	5731'					SURVEY MADE	
of daily by water -	OTHER T	THE IN A	·-··		·-/www		**************************************					No	
26. TYPE ELECTRIC AND Dual Induction	Guard. S	_{KUN} P. Compe	ensated	Densify	v. Compen	sate	d Neutron C	3R. Caliner	Ceme	nt Bond	Hod	27. WAS WELL CORED NO	
23.	- uu. u, -	. 1 001.1101	TIOGILO G				all strings set in v		, OCITIO	in Done	Log	140	
casing size/0 8-5/8" - J	RADE	WEIGHT		DEPT	TH SET (MD)		HOLE SIZE	TOP OF CE		MENTING RE		AMOUNT PULLED	
8-5/8" - J 5-1/2" - J		24 15.			336' 5944'	-	12-1/4" 7-7/8"	To surface 300 sx Prem					
J-1/Z - 0	-00	13.	5#	•	J344	╁╴	7-770	300 SX Prem	ilice il and	1 400 SX 3	U/50 POZ		
9.		LIN	ER RECOR	D		<u>.</u>	·· · · ·	30.	7	TUBING RI	CORD	ł	
SIZE	SIZE TOP (MD) BOTTOM (и (MD)	MD) SACKS CEMENT*		SCREEN (MD) SIZE		DEPTH SET (MD)			PACKER SET (MD)		
								2-7/8"		EOT @ 5795		TA @ 5696'	
I. PERFORATION REC	OPD (Interval o	ive and number					32.	ACID, SHOT	PDACTI		NT COLLE		
	ERVAL	The same massions	SIZ		SPF/NUMB		DEPTH INTE					MATERIAL USED	
		5712'-5731'	.49		4/76		5712'-					and in 460 bbls fluid	
		793'-4805'	.49		4/48		4793'-		1		/ 40,109# 20/40 sand in 402 bbls fluid		
		1697'-4715'	.49		4/72		4697'-			w/ 109,892# 20/40 sand in 801 bbls fluid			
	(D1) 4	557'-4568'	.49		4/44		4557'-	4568	Frac	NI 52,3261	# 20/40 sa	and in 490 bbls fluid	
						\dashv			<u> </u>				
					·	-		****					
		,—, <u> </u>	······									***************************************	
3.*			******		PROI								
ATE FIRST PRODUCTION 04/23/0		PRODUCTION) dohtami / 1- C	Flowing, gas つりょく 1	lift, pumpingsize a	and typ	e of pump) RHAC SM F	Nungar Dun	~ ^			ATUS (Producing or shut-in)	
ATE OF TEST		JRS TESTED	CHOKE		PROD'N. FOR			GAS-MCF.	11D WATER	-BBL.	<u> </u>	RODUCING IGAS-OIL RATIO	
05/40/00					TEST PERIOD				1				
05/18/08 LOW, TUBING PRESS,	CAS	ING PRESSURE	CALCUL	ATED	OIL-BBL.		38 GAS-MCF.	236	WATER	2	OR CDAM	6211	
.ow. Toblino FRESS.	CAS	ING PRESSORE	24-HOUF		OIL-BBL,		GAS-MCF.	_	WAIEK-	DDL.	OIE GRAVII	i i-Ari (CORR.)	
				>									
, disposition of gas	(Sold, used for fu	el, vented, etc.)	1 %	ed for	Fuel				ī	EST WITNES	SED BY		
, LIST OF ATTACHMEN	TS /	7)		JOU IUI	ı u c i								
	1.11	4											
5. I hereby certify that the SIGNED	pelforestoiris a	nt attached inf	ormation is	complete ar				e records oduction Te	och.		- D. (mm	1/13/2009	
Jentri Pa	whe #				TITLE		FIL	Jacquion 10		·	DATE		
	7,7		*(\$e	e Instruct	ions and Space	s for	Additional Data o	n Reverse Side	}				
tle 18 U.S.C. Section 1601, make	es it a dime for any j	person knowingly and	willfully to mak	e to any departs	ment or agency of the U	nited Sta	ites any false, fictitious or	fraudulent statements or	representations	as to any matter	within its jurisdic	ากกก มี ^{เม} า	
		*									INAL	マ といじろ	

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH VERT. DEPTH Well Name Garden Gulch Mkr 35381 Federal 7-22-9-16 Garden Gulch 1 3750' Garden Gulch 2 3858' Point 3 Mkr 4101' X Mkr 43701 Y-Mkr 4401' Douglas Creek Mkr 4519' BiCarbonate Mkr 47521 B Limestone Mkr 4856' Castle Peak 53751 Basal Carbonate 58331 Total Depth (LOGGERS 59501



April 30, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Federal #7-22-9-16

Monument Butte Field, Lease #UTU-64379

Section 22-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #7-22-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

RECEIVED

MAY 0 1 2012

DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #7-22-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-64379

APRIL 30, 2012

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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR ADDRESS

APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company

1001 17th Street, Suite 2000 Denver, Colorado 80202

Field or Unit n		er:	rederal #	7-22 - 9-16						
	ame: M	onument E	utte (Green	River)				Lease No.	UTU-6437	79
Well Location	: QQ	SWNE	section	22	township	98	range	16E	county	Duchesne
Is this applica	tion for e	xpansion c	f an existing	g project?.			Yes [X]	No []	-	
Will the propo	sed well	be used fo	r:	Disposal?	Recovery?		Yes []	No [X]		
Is this applicat	tion for a	new well t	o be drilled?	•			Yes[]	No [X]		
If this applicat has a casing Date of test: API number	test bed	en perform		ell? - -	• • • • • • • • • • • • • • • • • • • •					
Proposed inject Proposed max Proposed inject mile of the we	kimum inj ction zon	ection:	[x] oil, [] ç	gas, and/or Additional	information			-5-2 should	1	
				accompar	ny this form.]	
List of Attachn	nents:		Attachmer	nts "A" thro	ugh "H-1"		<u> </u>			
1									· · · · · · · · · · · · · · · · · · ·	
I certify that th	is report	is true and	complete to	o the best o	of my knowle	dge.				
Name: Title Phone No.	Regula	tory Lead 93-0102			_Signature _Date _	4)	3013			- -
(State use onl Application ap Approval Date	proved b	у					_Title			

Federal 7-22-9-16

TOC @ 146'

Casing Shoe @ 336

Spud Date: 3/12/08 Put on Production: 04/23/08 GL: 5818' KB: 5880'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 8 its. (323.72') DEPTH LANDED: 336

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 141 jts. (5930.89')

PRODUCTION CASING

HOLE SIZE: 7-7/8" DEPTH LANDED: 5944

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 146

TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 183 jts (5639.3') TUBING ANCHOR: 5651.2' NO. OF JOINTS: 1 jts (31.4') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5685.4' KB NO. OF JOINTS: 2 jts (62,90')

TOTAL STRING LENGTH: EOT @ 5750' w/12' KB

Proposed Injection Wellbore Diagram

FRAC JOB

5/8/2010

04-17-08 5712-57313 Frac CP5 sands as follows:

Frac with 45958 #'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Treat at an ave pressure of 1725 psi @ 23.3 BPM.

ISIP 1824 psi.

04-17-08 4793-4805 Frac R1 sands as follows:

Frac with 40109 #'s of 20/40 sand in 402 bbls of Lightning 17 fluid. Treat at an ave pressure of 1811 psi @ 23.3 BPM. ISIP

04-17-08 4697-4715' Frac C sands as follows:

Frac with 109892 #'s of 20/40 sand in 801 bbls of Lightning 17 fluid. Treat at an ave pressure of 2002 psi @ 23.3 BPM.

ISIP 2125 psi.

04-17-08 4557-4568' Frac D1 sands as follows:

Frac with 52326 #'s of 20/40 sand in 490 bbls of Lightning 17 fluid. Treat at an ave pressure of 2259 psi @ 23.3 BPM.

ISIP 2160 psi

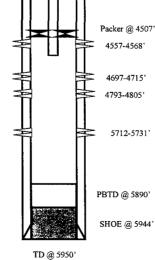
04-29-08 Pump change. Tubing and rod details

updated.

Pump changed. Updated rod and tubing



Federal 7-22-9-16 2036' FNL & 1837' FEL SWNE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-33027; Lease #UTU-64379



PERFORATION RECORD

4557-4568' 4 JSPF 4697-4715' 4 JSPF 44 holes 72 holes 4793-4805 4 JSPF 48 holes 5712-5731' 4 JSPF 76 holes

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #7-22-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #7-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3858' - 5890'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3537' and the TD is at 5950'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #7-22-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 336' KB, and 5-1/2", 15.5# casing run from surface to 5931' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1787 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #7-22-9-16, for existing perforations (4557' - 5731') calculates at 0.75 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1787 psig. We may add additional perforations between 3537' and 5950'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #7-22-9-16, the proposed injection zone (3858' - 5890') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-10.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A UTU-79831 57470 WellStatus_HalfMile_Buffer Well Status 414-64379 Location 21-15J CTI Surface Spud 474-74392 Waiting on Completion 42-16 Producing Oil Well U-017985 Producing Gas Well UTU-79834 6 M6-16532 Water Injection Well UTU-15855 12-13 TU-6489 → Dry Hole Temporarily Abandoned Plugged & Abandoned UTU-017985 Shut In --- Countyline 15-14 Injection system high pressure low pressure UTU-74392 3-23 31-21Y ---- proposed 41-21Y return · - return proposed T9S-R16E Leases Mining tracts 6-23 10A-23 12-22 11A-2955 Federal 7-22 5717 Section 22, T9S-R16E 16-23 15-23 2-26 UTU-64380 UTU-74392 **NEWFIELD** 8-26 ROCKY MOUNTAINS 1" = 2000' UTU-64380 5-27

M-5900

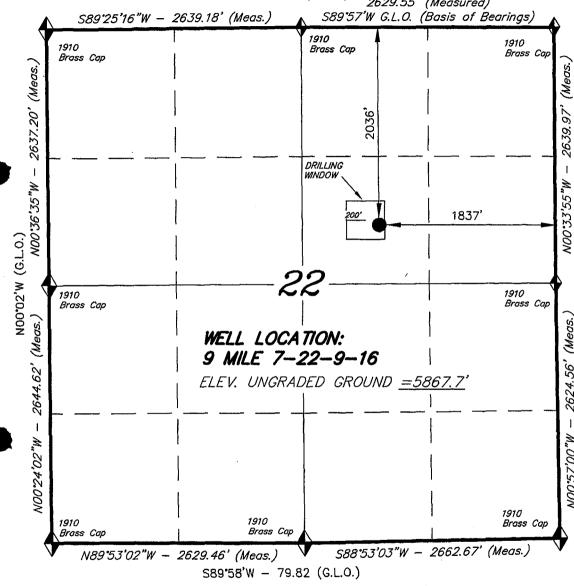
9-27

67/312-27

1/2 Mile Radius Map **Duchesne & Uintah Counties** 1001 17th Street Suite 2000 Denver, Colorado 80202 Phone: (303) 893-0102 January 25, 2012

T9S, R16E, S.L.B.&M.

S89'57'W - 79.16 (G.L.O.) 2629.55' (Measured)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 7-22-9-16 (Surface Location) NAD 83 LATITUDE = 40°01'04.87" LONGITUDE = 110°06'09.26"

NO.01'W (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 7-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PER WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPPRISED NOT THE BEST OF MY KNOWLEDGE AND ELIEP. No. 189377

REGISTER D LAND SURVEYOR REGISTRA PONONO. 12933000 STATE OF STARY FOR UNION

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 11-24-05	SURVEYED BY: C.M.
DATE DRAWN: 12-6-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 8: SWNE, SE	UTU-64379	Newfield RMI LLC	
	Section 9: SWSW	HBP	Yates Petroleum Corp	
	Section 17: NE			
	Section 18: E2SW, SE, LOTS 3, 4			
	Section 19: NE, E2NW, LOTS 1, 2			
	Section 21: N2			
	Section 22: W2NE, SENE, NW			
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	НВР	ABO Petroleum Corporation	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Company	
	Section 26: NENE		Yates Petroleum Coproration	
	Section 27: ALL			
	Section 28: ALL	,		
3	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 23: E2, NW, E2SW, NWSW	UTU-15855	Newfield RMI LLC	
	Section 24: N2, SW, N2SE, SWSE	НВР	Bee Hive Oil LLC	
			Journey Properties LLC	
			King Oil & Gas of Texas Ltd	
			Six Gold Oil LLC	
			Stone Energy Corp	

4 T9S-R16E SLM Section 10: S2SE Section 15: E2, E2W2 USA UTU-017985 HBP Newfield Production Company Newfield RMI LLC USA

ABO Petroleum Corporation

MYCO Industries Inc OXY Y-1 Company

Yates Petroleum Coproration

Federal 7-22 Page 2 of 2

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Federal #7-22-9-16
I hereby one-half	certify that a copy of the injection application has been provided to all surface owners within a mile radius of the proposed injection well.
Signed:_	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn to	o and subscribed before me this 304h day of April , 2012.
Notary F	Public in and for the State of Colorado: Andie L. Duitty
My Con	My Commission Expires O2/10/2013 My Commission Expires O2/10/2013

Attachment E

Federal 7-22-9-16

Spud Date: 3/12/08 Put on Production: 04/23/08 GL: 5818' KB: 5880'

> SWNE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-33027; Lease #UTU-64379

Wellbore Diagram

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 04-17-08 5712-5731' Frac CP5 sands as follows: GRADE: J-55 Frac with 45958 #'s of 20/40 sand in 460 TOC @ 1463 bbls of Lightning 17 fluid. Treat at an WEIGHT: 24# ave pressure of 1725 psi @ 23.3 BPM. ISIP 1824 psi. LENGTH: 8 its. (323.72') Casing Shoe @ 336' DEPTH LANDED: 336' 04-17-08 4793-4805 Frac B1 sands as follows: Frac with 40109 #'s of 20/40 sand in 402 HOLE SIZE: 12-1/4 bbls of Lightning 17 fluid. Treat at an ave CEMENT DATA: 160 sxs Class "G" cmt pressure of 1811 psi @ 23.3 BPM. ISIP 1936 psi. 04-17-08 4697-4715' Frac C sands as follows: Frac with 109892 #'s of 20/40 sand in 801 bbis of Lightning 17 fluid. Treat at an ave pressure of 2002 psi @ 23.3 BPM. ISIP 2125 psi. 04-17-08 4557-4568' Frac D1 sands as follows: PRODUCTION CASING Frac with 52326 #'s of 20/40 sand in 490 CSG SIZE: 5-1/2" bbls of Lightning 17 fluid. Treat at an ave pressure of 2259 psi @ 23.3 BPM. ISIP 2160 psi. GRADE: J-55 WEIGHT: 15.5# 04-29-08 Pump change. Tubing and rod details LENGTH: 141 jts. (5930.89') undated HOLE SIZE: 7-7/8" 5/8/2010 Pump changed. Updated rod and tubing DEPTH LANDED: 5944' CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 146' SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 183 jts (5639.3') TUBING ANCHOR: 5651.2' NO. OF JOINTS: 1 jts (31.4') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5685,4' KB NO. OF JOINTS: 2 its (62 90') TOTAL STRING LENGTH: EOT @ 5750' w/12' KB SUCKER RODS POLISHED ROD: 1-1/2" x 26' SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rod, 115-3/4" guided rods, 67-3/4" guided rods, 40-3/4" guided rods, 6-1 1/2" weight bars PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC pump w/ SM plunger STROKE LENGTH: 102" 4557-4568 PUMP SPEED, SPM: 5 4697-4715' PERFORATION RECORD 4557-4568' 4 JSPF 4697-4715' 4 JSPF 4793-4805' 44 holes 72 holes Anchor @ 5651' 4793-4805' 4 JSPF 5712-5731' 4 JSPF 48 holes SN @ 5685' 76 holes 5712-5731' EOT @ 5750' PBTD @ 5890' **NEWFIELD** July . SHOE @ 5944' Federal 7-22-9-16 TD@ 5950' 2036' FNL & 1837' FEL

Federal 1-22-9-16

Spud Date: 12-26-05 Put on Production: 01-19-06

GL: 5742' KB: 5754' SURFACE CASING

CSG SIZE: 8-5/8"

HOLE SIZE: 12-1/4"

GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (315.48') Wellbore Diagram

Cement top @ 120

Casing Shoe @ 327'

Initial Production: BOPD. MCFD, BWPD

FRAC JOB

01-16-06 5410-5422'

Frac CP2, sands as follows:

45584# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 2087 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5408 gal. Actual flush: 4788 gal.

01-16-06 4718-4730'

01-16-06 4002-4007

Frac B2, & B1 sands as follows:

124027# 20/40 sand in 851 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4716 gal. Actual flush: 4116 gal.

Frac GB6 sands as follows:

23163# 20/40 sand in 305 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 14.5 BPM. ISIP 2080 psi. Calc flush: 4000 gal. Actual flush: 3877 gal. Pump Change. Update rod and tubing details.

03/22/06

9-3-08 7/21/09 01/13/2011

4002-4007

4718-1730

4768-4786

Anchor @ 5403' 5410-5422'

EOT @ 5502'

PBTD @ 5824'

TD @ 5875'

SN @ 5437

Pump Change. Updated rod &tubing details. Tubing Leak. Updated rod & tubing details. Pump Change. Rod & tubing detail updated.

PRODUCTION CASING

DEPTH LANDED: 327.33' KB

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 139 jts. (5871.28') **DEPTH LANDED: 5869,78' KB**

HOLE SIZE: 7-7/8"

CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 170 jts (5390.80') TUBING ANCHOR: 5403' KB NO. OF JOINTS: 1 its (31.4') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5437' KB NO. OF JOINTS: 2 jts (63.20')

TOTAL STRING LENGTH: EOT @ 5502.' KB

PERFORATION RECORD

01-11-06 5410-5422' 4 JSPF 48 holes 01-16-06 4768-4786' 4 JSPF 72 holes 01-16-06 4718-4730' 4 JSPF 48 holes 01-16-06 4002-4007' 4 JSPF 20 holes

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM

SUCKER RODS: 1-8' & 1-2' 34" pony rods, 100- 34" guided rods, 209- 34" guided rods, 6-1 1/2" sinker bars, 6-1" Stabilizer Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger

STROKE LENGTH: 86" PUMP SPEED, SPM: 5 SPM



Federal 1-22-9-16

887' FNL & 963' FEL NE/NE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-32612; Lease #UTU-74392

Attachment E-2

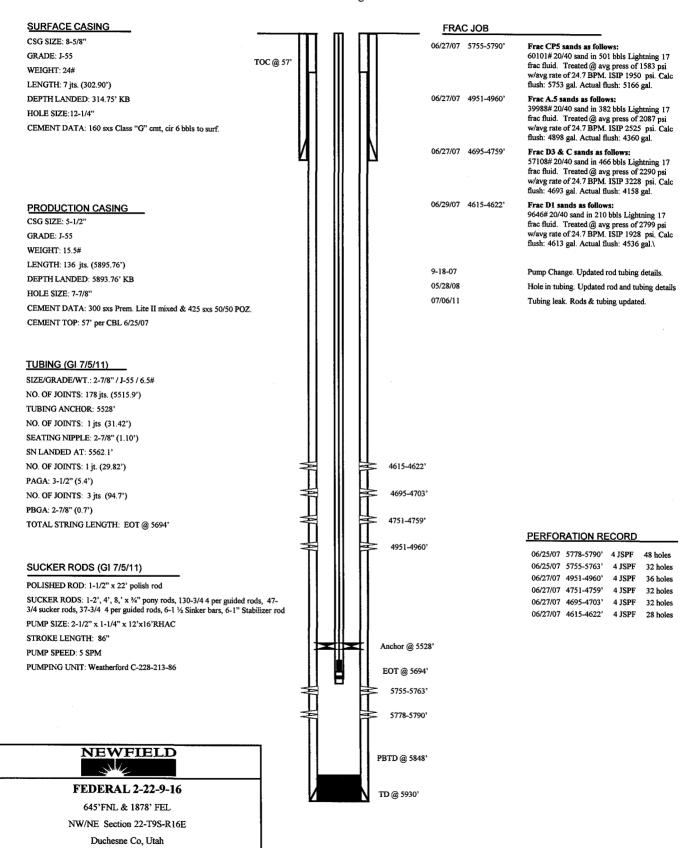
FEDERAL 2-22-9-16

Spud Date: 05/26/07 Put on Production: 07/03/07

API #43-013-32958; Lease # UTU-64379

GL: 5860' KB: 5872'

Wellbore Diagram



RU BJ & frac LODC sds as follows:

RU BJ & frac stage #2 as follows:

RU BJ & frac stage #3 as follows:

RU BJ & frac stage #4 as follows:

Parted Rods. Rod & Tubing updated.

PERFORATION RECORD 06/29/07 5313-5320' 4 JSPF

06/29/07 4859-4867' 4 JSPF

06/29/07 4744-4754' 4 JSPF

06/29/07 4152-4158' 4 JSPF

32 holes

40 holes

24 holes

40,796# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @

ave pressure of 3412 w/ ave rate of 22.2 bpm w/ 6.5 ppg of sand. ISIP

34.536#s of 20/40 sand in 354 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3900 w/ ave rate of 22.1 bpm w/ 6.5 ppg of sand.

34,902#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2527 w/ ave rate of 27.6 bpm w/ 6.5 ppg of sand. 1144 bbls EWTR. ISIP was 1925. Actual flush: 4242 gals.

44,919#'s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2360 w/ ave rate of 24.7 bpm w/ 8 ppg of sand.

1517 bbls EWTR. ISIP was 1900. Actual flush: 5996 gals.

Fed. #3-22-9-16

Spud Date: 5-31-07

Put on Production: 7-4-07

GL: 5866' KB: 5878'

Wellbore Diagram

Cement Top @ 116'

FRAC JOB

6/29/07 5313-5320'

6/29/07 4859-4867

6/29/07 4744-4754

6/29/07 4152-4158

12/21/09

was 3327. Actual flush: 4830 gals.

ISIP was 4200. Actual flush: 2646 gals.

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (287.98')

DEPTH LANDED: 299.83' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sxs Class "G" cmi

GRADE: J-55

DEPTH LANDED: 5910.55' KB

CEMENT TOP: 116'

NO. OF JOINTS: 169 jts (5263.03') TUBING ANCHOR: 5263' KB

SN LANDED AT: 5297.40' KB

NO. OF JOINTS: 2 jts (63.23')

TOTAL STRING LENGTH: EOT @ 5362' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods

SUCKER RODS: 1-8', 1-6', 1-4', 1-2', x 3/4" ponies, 99-3/4" guided rods, 86-

PUMP SIZE: CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump w/sm plunger

STROKE LENGTH: 86'

PUMP SPEED, SPM: 5

PBTD @5865

PRODUCTION CASING

CSG SIZE: 5-1/2"

WEIGHT: 15.5#

LENGTH: 145 its. (6357.47')

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sx 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10')

3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods

SN @5297

EOT@ 5362

4152-4158'

4744-4754

4859-4867

Anchor @ 5263'

5313-5320'

TD @5914

Federal 3-22-9-16 683' FNL & 2079' FWL (NE/NW)

Section 22, T9S, R16E Duchesne Co, Utah API #43-013-33024; Lease # UTU-64379

TW 05/06/10

Hachment E-4

Federal 6-22-9-16

Spud Date: 3-13-08 Put on Production:5-6-08 GL:5913' KB:5925'

Wellbore Diagram

Cement top @196'

Initial Production: BOPD. MCFD. BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

HOLE SIZE: 12-1/4'

GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts (290.93') DEPTH LANDED:302.78' KB

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5#

LENGTH: 141 jts. (5933.60') DEPTH LANDED: 5904' KB HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP AT:196'

TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5278.14') TUBING ANCHOR: 5290.14' KB NO. OF JOINTS: 2 jts (63.11') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5356.05' KB NO. OF JOINTS: 1 its (31.47') TOTAL STRING LENGTH: EOT @ 5583.08' KB

SUCKER RODS

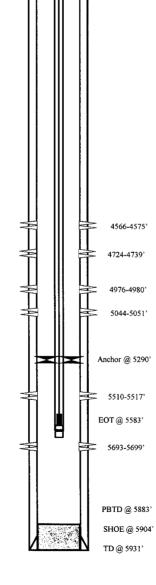
POLISHED ROD: 1-1/2" x 26' SM

SUCKER RODS: 2',6',8' x 34" pony rods, 99-34" scrapered rods, 88-34" plain rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM



FRAC JOB

Frac CP4 sands as follows: 04-30-08 5693-5699 16361# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2441 psi w/avg rate of 23.2 BPM. ISIP 2055 psi. Calc flush: 5691 gal. Actual flush: 5250 gal.

04-30-08 5510-5517' Frac CP2 sands as follows:

15257# 20/40 sand in 279 bls Lightning 17 frac fluid. Treated @ avg press of 2046 psi w/avg rate of 23.2 BPM. ISIP 1762 psi. Calc flush: 5508 gal. Actual flush: 4998 gal.

04-30-08 4976-5051' Frac A3, & A1 sands as follows:

14997# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 23.2 BPM. ISIP 1884 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.

4-30-08 4724-4739 Frac C sands as follows:

115315# 20/40 sand in 825 bbls Lightning 17 frac fluid. Treated @ avg press of 1876 w/ avg rate of 23.2 BPM. ISIP 2044 psi. Calc flush: 4722 gal. Actual flush: 4242 gal.

04-30-08 4566-4575 Frac D1 sands as follows:

40206# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1832 w/ avg rate of 23.2 BPM. ISIP 1850 psi. Calc flush: 4564 gal. Actual flush: 4452 gal.

PERFORATION RECORD

04-24-08 5693-5699' 4 JSPF 24 holes 04-30-08 5510-5517 4 JSPF 28 holes 04-30-08 5044-5051' 4 JSPF 28 holes 04-30-08 4976-4980' 4 JSPF 16 holes 04-30-08 4724-4739' 4 JSPF 04-30-08 4566-4575' 4 ISPF 36 holes



Federal 6-22-9-16

2340' FNL & 2060' FWL SE/NW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33026; Lease # UTU-34379

Attachment E-5

Federal 8-22-9-16

Spud Date: 11/01/06 Put on Production: 12/13/06

K.B.: 5791, G.L.: 5779

Wellbore Diagram

Cement Top@ 60

Initial Production: BOPD, MCFD, BWPD

FRAC JOB

12/08/06 5530-5550'

12/08/06 4742-4751

12/08/06 4577-4585

Frac CP4, sands as follows:

30245# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2020 psi w/avg rate of 25 BPM. ISIP 1960 psi. Calc flush: 5548 gal. Actual flush: 4998 gal.

12/08/06 4914-4926' Frac A1 sands as follows:

70951# 20/40 sand in 533 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 25 BPM. ISIP 2190 psi. Calc

flush: 4924 gal. Actual flush: 4452 gal. Frac B2 sands as follows:

29729# 20/40 sand in 414 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc

flush: 4749 gal. Actual flush: 4242 gal. Frac C sands as follows:

26560# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 2804 psi w/avg rate of 25 BPM. ISIP psi. Calc flush: 4583 gal. Actual flush: 4242 gal.

07/16/10 Pump Change. Rod & Tubing detail.

SURFACE CASING CSG SIZE: 8-5/8"

GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.68')
DEPTH LANDED: 322.53' KB
HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2° GRADE: J-55 WEIGHT: 15.5#

LENGTH: 133 jts. (5837.43°)
DEPTH LANDED: 5850.68° KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 322 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 175 jts (5517.93')

TUBING ANCHOR: 5517.90' KB

NO. OF JOINTS: 1 jts (31.70')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5552.4' KB

NO. OF JOINTS: 2 jts (63.10')

TOTAL STRING LENGTH: EOT @ 5617' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 2-8' x 3/4" pony rod, 100-3/4" guided rods, 86-3/4" guided rods, 30-3/4" guided rods, 6-1 $\frac{1}{2}$ " weight rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger

STROKE LENGTH: 61" PUMP SPEED, 5 SPM:

4742-4751'

4914-4926'

4577-4585

Anchor @ 5518'

5530-5550

PERFORATION RECORD

 12/05/06
 5530-5550'
 4 JSPF
 80 holes

 12/08/06
 4914-4926'
 4 JSPF
 48 holes

 12/08/06
 4742-4751'
 4 JSPF
 36 holes

 12/08/06
 4577-4585'
 4 JSPF
 32 holes

NEWFIELD

Federal 8-22-9-16

2200' FNL & 618' FEL

SE/NE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-32959; Lease #UTU-64379

SHOE @ 5850'

TD @ 5850'

PBTD @ 5829'

TW 09/14/10

Attachment E-6

Federal 9-22-9-16

Spud Date: 4-19-2007 Put on Production: 6-08-2007

GL: 5803' KB: 5815'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts (309.25') DEPTH LANDED: 322.91' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 133 jts. (5855.48') DEPTH LANDED: 5852.48' KB

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 68'

HOLE SIZE: 7-7/8"

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 182 jts (5608.') TUBING ANCHOR: 5620. NO. OF JOINTS: 1 jts (28.32') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5651' NO. OF JOINTS: 2 jts (60.92') TOTAL STRING LENGTH: EOT @ 5713'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'

SUCKER RODS: 1-2', 4', 6' \times 8' \times ¼" pony rods, 99-¼" guided rods, 69-½" sucker rods, 50-½" guided rods, 6-1½" sinker bars,

PUMP SIZE: 2-1/2" x 1-1/4" x 16' x 22' RHAC

STROKE LENGTH: 120" PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

3837-3846

4885-4899

5518-5528

Anchor @ 5620' 5630-5642

EOT @ 5713'

PBTD @ 5828'

TD @ 5860'

Initial Production: BOPD, MCFD, BWPD

FRAC JOB

06-05-07	5630-5642'	Frac CP5 sands as follows: 39984# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1953 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5328 gal. Actual flush: 5208 gal.

06-05-07 5518-5528' Frac CP4 sands as follows:

25037# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 5516 gal. Actual flush: 4998 gal.

Frac A1 sands as follows: 06-05-07 4885-4899

59792# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4883 gal. Actual flush: 4368 gal.

06-05-07 3837-3846 Frac GB2 sands as follows:

35741# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1806 w/ avg rate of 24.7 BPM. ISIP 2950 psi. Calc flush: 3835 gal. Actual flush: 3738 gal.

Pump Change. Updated rod & tubing details.

12-13-07 Pump Change. Updated rod & tubing details. 1-30-08

8-29-08 Pump Change. Updated rod &tubing details.

1/23/09 Pump Change. Updated r & t details. Pump Change. Rods & tubing updated. 10/05/11

PERFORATION RECORD 05 20 07 5620 5642' 4 ISDE 49 holos

03-30-07	3030-3042	4 JSPF	48 noies
06-05-07	5518-5528'	4 JSPF	40 holes
06-05-07	4885-4899'	4 JSPF	96 holes
06-05-07	3837-3846'	4 JSPF	36 holes

NEWFIELD

Federal 9-22-9-16

2079' FSL & 668' FEL

NE/SE Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33175; Lease # UTU-74392

FEDERAL 10-22-9-16

Spud Date: 04/26/07 Initial Production: Put on Production: 06/29/07 Wellbore Diagram MCFD, BWPD GL: 5955' KB: 5967' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 06/25/07 5730-5740 Frac CP5 sands as follows: GRADE: J-55 40069# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM. ISIP 2163 psi. Calc WEIGHT: 24# LENGTH: 7 its. (310.97') flush: 5728 gal. Actual flush: 5208 gal. DEPTH LANDED: 322 82' KB Frac LODC sands as follows: 06/26/07 5150-51783 126558# 20/40 sand in 899 bbls Lightning 17 frac fluid. Treated @ avg press of 2216 psi w/avg rate of 24.7 BPM. ISIP 2676 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 5148 gal. Actual flush: 4662 gal. 06/26/07 4977-4998' Frac A1 sands as follows: 94957# 20/40 sand in 708 bbls Lightning 17 frac fluid. Treated @ avg press of 1623 psi w/avg rate of 24.7 BPM. ISIP 1945 psi. Calc flush: 4975 gal. Actual flush: 4494 gal. 06/26/07 4806-4835 Frac B2 & B1 sands as follows: PRODUCTION CASING 61885# 20/40 sand in 508 bbls Lightning 17 CSG SIZE: 5-1/2' frac fluid. Treated @ avg press of 1689 psi w/avg rate of 24.7 BPM. ISIP 1825 psi. Calc GRADE: J-55 flush: 4804 gal. Actual flush: 4326 gal. WEIGHT: 15.5# 06/26/07 4682-46883 Frac D3 sands as follows: LENGTH: 133 jts. (5904.01') 12609# 20/40 sand in 241 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 1776 psi. Calc DEPTH LANDED: 5917.26' KB HOLE SIZE: 7-7/8" flush: 4680 gal. Actual flush: 4221 gal. CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ 06/26/07 4560-4565 Frac D1 sands as follows: 16073# 20/40 sand in 246 bbls Lightning 17 CEMENT TOP: 160' frac fluid. Treated @ avg press of 1881 psi w/avg rate of 24.7 BPM. ISIP 1857 psi. Calc flush: 4558 gal. Actual flush: 4494 gal. **TUBING** 05/28/08 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6,5# pump change. Updated rod and tubing details 6/21/2010 Parted rods. Updated rod and tubing detail. NO. OF JOINTS: 182 jts (5685.0') 4560-4565' 6/23/2010 TUBING ANCHOR: 5697.0' KB Parted rods. Updated rod and tubing detail. 3/15/11 Parted rods. Updated rod and tubing detail. NO. OF JOINTS: 1 its (31.4') 4571-4576 SEATING NIPPLE: 2-7/8" (1-10') SN LANDED AT: 5731.2' KB 4682-4688 NO. OF JOINTS: 1 jts (31.7') TOTAL STRING LENGTH: EOT @ 5764' KB 4806-4817 PERFORATION RECORD 4830-4835 SUCKER RODS 06/21/07 5730-5740' 40 holes 4977-4998 POLISHED ROD: 1-1/2" x 26' SM polished rods 06/25/07 5150-51783 4 ISPF 112 holes 06/26/07 4977-4998' 4 JSPF SUCKER RODS: $2 \times 10^{10} - 8^{10}$ pony rod, $1 \times 10^{10} - 8^{10}$ guided rods, $1 \times 10^{10} - 10^{10}$ guided rods, $1 \times 10^{10} - 10^{10}$ weight bars 84 holes 5150-51783 06/26/07 4830-4835' 4 JSPF 20 holes 06/26/07 4806-4817 4 ISPF 44 holes PUMP SIZE: 2 1/2" x 1 1/4" x 12 x 16' RHAC 06/26/07 4682-46883 4 JSPF 24 holes Anchor @ 5697' 06/26/07 4571-4576' 4 ISPF 20 holes STROKE LENGTH: 86' 06/26/07 4560-4565° 4 JSPF 20 holes PUMP SPEED SPM: 5 5730-5740' EOT @ 57647 PBTD @ 5861' NEWFIELD SHOE @ 5917 FEDERAL 10-22-9-16 TD @ 5925 1736'FSL & 2137' FEL NW/SE Section 22-T9S-R16E

Duchesne Co, Utah
API #43-013-33166; Lease # UTU-74392

Federal 11A-22-9-16

Spud Date: 5-15-07 Initial Production: BOPD. Put on Production: 7-18-07 Wellbore Diagram MCFD. BWPD GL: 5867' KB: 5879' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 7-9-07 5601-5618 Frac CP5 sands as follows: GRADE: I-55 50556# 20/40 sand in 495 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc WEIGHT: 24# Cement top @ 183 LENGTH: 7 jnts (311.35') flush: 5599 gal. Actual flush: 5082 gal. DEPTH LANDED: 323.21 KB 7-11-07 4885-4897 Frac A1 sands as follows: 70631# 20/40 sand in 616 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1959 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 48831 gal. Actual flush: 4410 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf. 7-13-07 4490-4495 Frac D1 sands as follows: 20088# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1769 psi w/avg rate of 24.8BPM. ISIP 1908 psi. Calc flush: 4489 gal. Actual flush: 3990 gal. 7-13-07 3940-3948 Frac GB4 sands as follows: 42107# 20/40 sand in 394 bbls Lightning 17 frac fluid. 24.8BPM, ISIP 1470psi. Calc PRODUCTION CASING 3940-3948 CSG SIZE: 5-1/2 flush: 3938 gal. Actual flush: 3906 gal. 06/25/08 GRADE: J-55 Workover. Rod & Tubing detail updated. 1/18/2010 Tubing leak. Updated rod and tubing detail. 4490-4495 WEIGHT: 15.5# LENGTH:134 its. (5829.37°) DEPTH LANDED: 5842.62' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TO SURFACE: 183 4885-4897 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 178 jts (5538.8') TUBING ANCHOR: 5538.8' KB NO. OF JOINTS: 2 jts (63.2') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5604.8' KB NO. OF JOINTS: 2 jts (60,4') TOTAL STRING LENGTH: EOT @ 5667' KB Anchor @ 5539' PERFORATION RECORD SUCKER RODS 7-9-07 5601-5618' 4 JSPF 68 holes POLISHED ROD: 1-1/2" x 26' SM 7-18-07 4885-4897 4 JSPF 48 holes 5601-5618 7-11-07 4490-4495 20 holes SUCKER RODS: 1-8' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-2' x 3/4" pony 7-13-07 3940-3948' 4 JSPF 32 holes rod, 100- 1/4" guided rods, 52- 1/4" guided rods, 66- 1/4" guided rods, 6- 1 1/4" weight bars PUMP SIZE; 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger STROKE LENGTH: 120 PUMP SPEED, SPM: 5 SN @ 5605' EOT @ 5667' PBTD @ 5821' SHOE @ 5843' Federal 11A-22-9-16 TD @ 5840' 2007' FSL & 1783' FWL NE/SW Section 22-T9S-R16E Duchesne Co, Utah

API #43-013-33149; Lease #UTU-74392

Attachment E-9

Federal 5-23-9-16

Spud Date: 1/17/08 Put on Production: 3-5-08 GL: 5749' KB: 5761'

API #43-013-32960; Lease #UTU-15855

Wellbore Diagram

SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 2-27-08 4913-4946 Frac A1 sands as follows: Cement Top@ 100 GRADE: J-55 Frac with 160392 #'s of 20/40 sand in 1152 bbls Lightning 17 fluid. Treat at an WEIGHT: 24# ave pressure of 1802 psi @ 23.2 BPM. LENGTH: 7 its. (311.39') ISIP 2132 psi. Casing Shoe @ 311' 2-27-08 4755-4765 Frac B2 sands as follows: HOLE SIZE: 12-1/4" Frac with 40119 #'s of 20/40 sand in 422 CEMENT DATA: 160 sxs Class "G" cmt bbls Lightning 17 fluid. Treat at an ave pressure of 1740 psi @ 23.2 BPM. ISIP 1900 psi 2-27-08 4681-4690 Frac B.5 sands as follows: Frac with 15432 #'s of 20/40 sand in 275 bbls Lightning 17 fluid. Treat at an ave pressure of 2350 psi @ 23.3 BPM. ISIP 1943 psi. 2-27-08 4612-4625 Frac C sand as follows: PRODUCTION CASING Frac with 60639 #'s of 20/40 sand in 500 CSG SIZE: 5-1/2" bbls of Lightning 17 fluid. Treat at an ave pressure of 2137 psi @ 23.2 BPM. ISIP GRADE: 1-55 2346 psi. WEIGHT: 15.5# Frac GB6 sands as follows: 2-27-08 3982-3992 LENGTH: 146 jts. (5781.03') Frac with 46568 #'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Treat at an HOLE SIZE: 7-7/8" ave pressure of 1726 psi @ 23.3 BPM. DEPTH LANDED: 5814,84° ISIP 1825 psi CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ. 1/24/09 Pump Change. Updated r & t details. CEMENT TOP AT: 100' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5# NO. OF JOINTS: 154 jts (4892.46') TUBING ANCHOR: 4904.46' NO. OF JOINTS: 2 jts (63.04') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4970.31' KB NO OF JOINTS: 2 its (62.64') TOTAL STRING LENGTH: EOT @ 5034.50' w/12' KB SUCKER RODS POLISHED ROD: 1-1/2" x 26" 3982-3992 SUCKER RODS:1-6' & 1-2' X 3/4" pony rods, 99-3/4" guided rods, 73-3/4" plain rods, 20-34" guided rods, 6-11/2" weight rods PUMP SIZE: 2-1/2" x 1-1/2" x16' X 19.5' RHAC pump w/ SM plunger STROKE LENGTH: 120" 4612-4625" PUMP SPEED, SPM:4.5 4681-4690' 4755-4765 PERFORATION RECORD 3982-3992' 4 JSPF 4612-4625' 4 JSPF 40 holes Anchor @ 4904' 52 holes 4681-4690' 4 JSPF 36 holes 4913-4946' 4755-4765 4 JSPF 40 holes SN @ 4970' 4913-4946' 4 JSPF 132 holes EOT @ 5034' **NEWFIELD** PBTD @ 5760' Shell SHOE @ 5815' TD @ 5825' Federal 5-23-9-16 2125' FNL & 595' FWL SWNW Section 23-T9S-R16E Duchesne Co, Utah

Jonah 15-15-9-16

Spud Date: 01/07/06 Initial Production: BOPD, Put on Production: 02/07/06 Injection Wellbore MCFD, BWPD GL: 5758' KB: 5770' Diagram SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 01/31/06 5678-5722 Frac CP4, CP5 sands as follows: GRADE: I-55 30113# 20/40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 1859 psi w/avg rate of 25.2 BPM. ISIP 2050 psi. Calc CEMENT TOP @ 130 WEIGHT: 24# LENGTH: 7 jts. (311.55') flush: 5676 gal. Actual flush: 5141 gal. 01/31/06 5481-5494 DEPTH LANDED: 323.40' KB Frac CP2 sands as follows: 50320# 20/40 sand in 436 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1616 psi CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf. w/avg rate of 25.2 BPM. ISIP 1900 psi. Calc flush: 5479 gal. Actual flush: 4872 gal. 01/31/06 4978-4983 Frac A3 sands as follows: 19771# 20/40 sand in 295 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25.3 BPM, ISIP 2150 psi, Calc flush: 4976 gal. Actual flush: 4452 gal. 01/31/06 4818-4835 Frac B2 sands as follows: 25033# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 1958 psi w/avg rate of 25 BPM. ISIP 1850 psi. Calc PRODUCTION CASING CSG SIZE: 5-1/2 flush: 4816 gal. Actual flush: 4284 gal. GRADE: J-55 01/31/06 4646-4657 Frac D3, C, sands as follows: WEIGHT: 15,5# 98438# 20/40 sand in 701 bbls Lightning17 frac fluid. Treated @ avg press of 2161 psi LENGTH: 139 jts. (5874.99') w/avg rate of 25.1 BPM, ISIP 2300 psi, Calc DEPTH LANDED: 5874.24' KB flush: 4644 gal. Actual flush: 4074 gal. 02/01/06 4186-4190 Frac PB7 sands as follows: HOLE SIZE: 7-7/8" 19753# 20/40 sand in 267 bbls Lightning 17 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. frac fluid. Treated @ avg press of 2643 psi CEMENT TOP @ 130 w/avg rate of 24.8 BPM. ISIP 2650 psi. Calc flush: 4184 gal. Actual flush: 3654 gal. 02/01/06 4053-4059 Frac GB6 sands as follows: 17961# 20/40 sand in 262 bbls Lightning17 frac fluid. Treated @ avg press of 2240 psi w/avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4051 gal. Actual flush: 3948 gal SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 123 jts (4000.93') 04/13/07 Pump Change Update Rod & Tubing Packer @ 4017 EOT @ 4021 7/30/07 Pump change. Updated rod & tubing detail. SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4014.033 05-21-08 Workover. Updated rod and tubing detail TOTAL STRING LENGTH: EOT @ 4021.42 10/16/08 Well converted to an Injection well. 4053-4059 10/28/08 MIT completed and submitted. 4186-4190 4646-4657 4700-4708 PERFORATION RECORD 01/27/06 5716-5722 4 JSPF 24 holes 4818-4823 01/27/06 5678-5685 4 JSPF 28 holes 01/31/06 5481-54941 4 JSPF 52 holes 4830-4835 01/31/06 4978-49831 4 JSPF 20 holes 01/31/06 4830-48351 4 JSPF 20 holes 4978-4983 01/31/06 4818-48281 4 JSPF 20 holes 01/31/06 4700-4708 4 JSPF 32 holes 01/31/06 4646-4657 4 JSPF 44 holes 5481-5494 01/31/06 4186-4190 4 JSPF 16 holes 02/01/06 4053-40593 4 ISPF 24 holes 5678-5685 5716-5722 PBTD @ 5824' NEWFIELD Shirt Shirt SHOE @ 5874' Jonah 15-15-9-16 TD @ 5885 421' FSL & 1864' FEL SW/SE Section 15-T9S-R16E Duchesne Co, Utah

API #43-013-32753; Lease #UTU-17985

FEDERAL 16-22-9-16

Spud Date: 08/27/07

Initial Production: BOPD. Put on Production: 10/10/07 Wellbore Diagram MCFD. BWPD GL: 5800' KB: 5812' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" Cement Top @ 39 10/05/07 5035-5071 Frac A1 sands as follows: GRADE: J-55 140366# 20/40 sand in 1008 bbl Lightning 17 frac fluid. Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM. ISIP 2081 psi. Calc WEIGHT: 24# LENGTH: 7 jts. (293.76') flush: 5033 gal. Actual flush: 4536 gal. DEPTH LANDED: 305.61' KB Casing Shoe @ 306' 10/06/07 4964-4969 Frac A.5 sands as follows: 15004# 20/40 sand in 274 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2605 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 4962 gal. Actual flush: 4456 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. 10/05/07 4860-4867 Frac B2 sands as follows: 13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 1925 psi. Calc flush: 4858 gal. Actual flush: 4355 gal. 10/05/07 4748-4760 Frac C sands as follows: PRODUCTION CASING 41811# 20/40 sand in 406 bbls Lightning 17 CSG SIZE: 5-1/2° frac fluid. Treated @ avg press of 2620 psi w/avg rate of 24.8 BPM. ISIP 2235 psi. Calc GRADE: J-55 flush: 4746 gal. Actual flush: 4662 gal. WEIGHT: 15.5# LENGTH: ? jts. (') 6/17/08 parted rods. Updated rod and tubing detail DEPTH LANDED: 6051' KB 11/19/08 Pump Change. Updated rod &tubing details. HOLE SIZE: 7-7/8" 2/13/09 Tubing Leak. Updated r & t details. CEMENT DATA: 350 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ. 6/18/2010 Tubing leak. Updated rod and tubing detail. CEMENT TOP: 39' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 162 jts (4993.8') TUBING ANCHOR: 5005.8' KB NO. OF JOINTS: 2 jts (64.1') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5072.8° NO. OF JOINTS: 2 jts (61.40') TOTAL STRING LENGTH: EOT @ 5136' KB PERFORATION RECORD SUCKER RODS 10/02/07 5035-5071' 4 ISPF 144 holes POLISHED ROD: 1-1/2" x 26' SM polished rods 10/05/07 4964-4969' 4 JSPF 20 holes 10/05/07 4860-4867' 4 JSPF SUCKER RODS: 2-4'x 7/8" pony rods, 1-4' x 7/8" pony rod, 1-6' x 7/8" pony rod, 197- 7/8" guided rods (8 per), 4-3' x 1" pony rods, 4- 1 ½" weight bars 28 holes 10/05/07 4748-4760' 4 JSPF 48 holes PUMP SIZE: CDI 2-1/2" x 1-3/4" x 16 x 20'RHAC STROKE LENGTH: 123" 4748-4760 PUMP SPEED, SPM: 5 4860-4867 4964-4969 Anchor @ 5020 5035-50713 SN@ 5053' EOT @ 5136' NEWFIELD PBTD @ 5440 FEDERAL 16-22-9-16 TD @ 6075' 2068'FSL & 649' FEL NE/SE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-33394; Lease # UTU-74392

1553 East Highway 40 Vernal, UT 84078

ATTACHMENT P

multi-chem

A HALLIBURTON SERVICE

Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Well Name: **SWDIF**

Sample Point:

After production filter

Sample Date: 12/9/2011 Sample ID: WA-204150 Sales Rep: Darren Betts Lab Tech: Gary Peterson

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specific	cs	Analysis @ Properties in Sample Specifics									
Test Date:	12/9/2011	Cations	mg/L	Anions	mg/L						
System Temperature 1 (°F):	300.00	Sodium (Na):	6799.09	Chloride (CI):	10000.00						
System Pressure 1 (psig):	3000.00	Potassium (K):		Sulfate (SO ₄):	2.00						
System Temperature 2 (°F):	70.00	Magnesium (Mg):		Bicarbonate (HCO ₃):	1024.80						
System Pressure 2 (psig):	14.70	Calcium (Ca):		Carbonate (CO ₃):	0.00						
Calculated Density (g/ml):		Strontium (Sr):		Acetic Acid (CH3COO)	0.00						
pH:	8.20	Barium (Ba):		Propionic Acid (C2H5COO)	0.00						
Calculated TDS (mg/L):	17913.62	Iron (Fe):		Butanoic Acid (C ₃ H ₇ COO)	0.00						
CO2 in Gas (%):	0.00	Zinc (Zn):		Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00						
Dissolved CO ₂ (mg/L)):	0.00	Lead (Pb):		Fluoride (F):	0.00						
H ₂ S in Gas (%):		Ammonia NH3:		Bromine (Br):	0.00						
H2S in Water (mg/L):	10.00	Manganese (Mn):		Silica (SiO ₂):	0.00						

Notes:

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariun	1 Sulfate		ron Ilfide		ron oonate		psum 04-2H2O		estite SO4		alite IaCl	100	Zinc ulfide
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00		0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00		0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00		0.00
		Hemil	nvdrate	Anh	/drate	Ca	cium	7	inc	The In	oad	B1 - T0	VACAL TO A STATE OF THE STATE O		SIDO ONL		

		CaSO	Hemihydrate CaSO4~0.5H2 O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00	
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00	

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

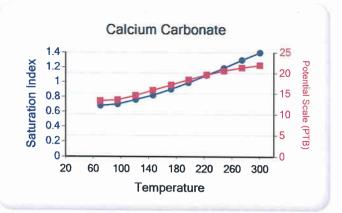
1553 East Highway 40

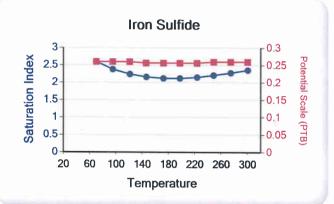
Vernal, UT 84078

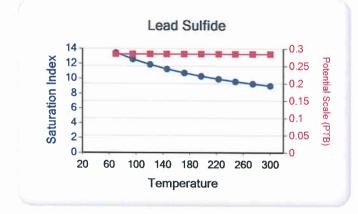
ATTACHMENT P

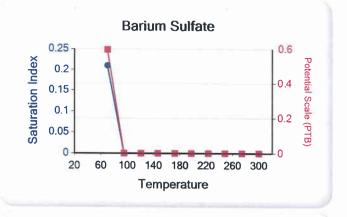
multi-chem

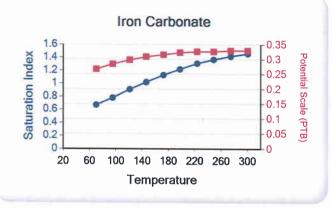
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Lead Sulfide











1553 East Highway 40 Vernal, UT 84078



3044

A HALLIBURTON SERVICE

Units of Measurement: Standard

Water Analysis Report

Production Company:

NEWFIELD PRODUCTION

Well Name:

FEDERAL 7-22-9-16

Sales Rep: Darren Betts Lab Tech: Gary Peterson

Sample Point:

Sample Date: Sample ID:

4/11/2012 WA-211341

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specific	S		100		
Test Date:	4/25/2012	Cations	mg/L	perties in Sample Specifics Anions	ma/L
System Temperature 1 (°F):		Sodium (Na):	7303.34	Chloride (CI):	10800.00
System Pressure 1 (psig):		Potassium (K):		Sulfate (SO ₄):	62.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):		Bicarbonate (HCO ₃):	854.00
System Pressure 2 (psig):		Calcium (Ca):		Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):		Acetic Acid (CH3COO)	0.00
pH:	8.40	Barium (Ba):		Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):		Iron (Fe):		Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):		Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO ₂ (mg/L)):	0.00	Lead (Pb):		Fluoride (F):	0.00
H2S in Gas (%):	0.00	Ammonia NH3:		Bromine (Br):	0.00
H2S in Water (mg/L):	0.00	Manganese (Mn):		Silica (SiO2):	0.00
Votes:					0.00

(PTB = Pounds per Thousand Barrels)

			cium onate	Bariun	n Sulfate		ron Ilfide		on onate		psum 94·2H2O		lestite SO4		alite laCl		Zinc ulfide
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	РТВ
70.00	14.00	0.31	3.38	1.31	5.91	0.00	0.00	1.58	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.34	3.58	1.07	5.65	0.00	0.00	1.69	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.38	3.94	0.88	5.33	0.00	0.00	1.80	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.43	4.36	0.73	4.98	0.00	0.00	1.91	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.50	4.82	0.62	4.62	0.00	0.00	2.00	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.57	5.27	0.55	4.32	0.00	0.00	2.07	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.65	5.69	0.49	4.08	0.00	0.00	2.13	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.73	6.07	0.46	3.94	0.00	0.00	2.18	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.81	6.40	0.45	3.87	0.00	0.00	2.20	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.89	6.67	0.46	3.89	0.00	0.00	2.21	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Hemi	hydrate	Anh	vdrate	Ca	lcium	7	inc	- 3 Y	ead		Ma	0	a Ma		Fo

			hydrate 4~0.5H2 O		ydrate iSO4		lcium oride		inc oonate		ead Ilfide		Mg icate		a Mg icate		Fe icate
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

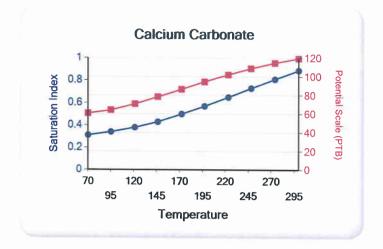
1553 East Highway 40 Vernal, UT 84078

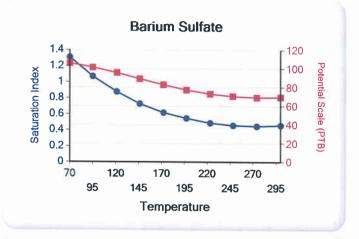


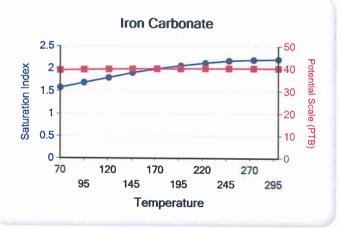


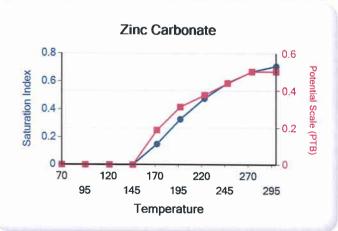
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate









Attachment "G"

Federal #7-22-9-16 Proposed Maximum Injection Pressure

	nterval	Avg. Depth	ISIP	Calculated Frac Gradient	
Top	, Bottom	(feet)	(psi)	(psi/ft)	Pmax
5712	5731	5722	1824	0.75	1787 ◀──
4793	4805	4799	1936	0.84	1905
4697	4715	4706	2125	0.89	2094
4557	4568	4563	2160	0.91	2130
				Minimum	1787

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



WELL N	IAME: Fed	eral 7-22-9-16	Re	eport Date:	4-10)-08			Day:	01
Ope	ration: <u>Comp</u>	letion		·		Rig:	Rigl	ess		
			WELL S	TATUS						
Surf Csg:	<u>8-5/8</u> @ <u>336</u>	<u>6'</u>	Prod Csg:	5-1/2"	@	5944'	Csg P	BTD:	5856	'WL
Tbg:	Size:	Wt:	Grd:	Pkr/EC	OT @:		BP/Sand P		***************************************	***************************************
		j	PERFORATION	ON RECORE)					
<u>Zone</u>	<u>Perfs</u>		/shots	Zoi	-		<u>Perfs</u>		SPF/#	shots
	•	***************************************		***************************************		***************************************				
CP5 sds	5712-5731'	4/76		***************************************		***************************************				
		CUD		U ODEDATI	<u> </u>	***************************************				
Date Work	Performed:	<u>спк</u> 09-Apr-08	ONOLOGICA	L OPERATI	<u>ONS</u>	CITD.	S	NCD.	^	
	frac head. NU 6"		-							
Fluid <u>lost</u> /re	id load to be recove	red: 140 0		/ERY (BBLS g oil rec to da /recovered to	ate:				***	
Ending fluid	d to be recovered: FFL:	140	•	il recovered:						
IFL		FTP:			Final Flu	uid Rate:		Final d	oil cut:	
D El . 1		ILATION DETAI	_			-	COSTS	3		
Base Fluid Company:	usea:	Job Type:	,			·····	erford BOP			\$540
	or Equipment details					***************************************	C NU crew		***************************************	\$300
Fiocedare	or Equipment detail:				***************************************	***************************************	SI trucking			,200
***************************************						************************	orators LLC			7,104
······			······	······································		······································	Orilling cost		\$335	
							iate Hot Oil		***************************************	\$620
***************************************					L		preparation C wellhead	,		\$300
					************					,500
***************************************					***************************************	***************************************	o - anchors . Overhead		***************************************	,200
					***************************************		Supervisor		***************************************	3,000
Max TP:	Max Rate:	Total	fluid pmpd:		H	INFO	Oubei visoi			\$300
Avg TP:		***************************************	Prop pmpd:							
ISIP:	5 min:	10 min:		FG:		DAILY C	OST:		\$351	,827
Comple	etion Supervisor:	Ron Shuck	:		TC	TAI WE	ELL COST		\$351	827



2 of 9

WELL N	NAME:	Federal 7	7-22-9-16	F	Report Date:	4-	18-08			Day: 2a
Оре	ration:	Completion	n				Rig:	Rig	ess	
				WELL	STATUS	·				
Surf Csg: Tbg:	8-5/8' Size:	***************************************			5-1/2"	_ @ _ OT @:	5944'	Csg F BP/Sand F		5856'WL
	•		***************************************	 				21 / Garigi	5.5.	
Zone		Dorfo	·		ION RECOR	_				
<u>zone</u>		<u>Perfs</u>	SPF/#s	nots	<u> 20</u>	<u>one</u>		<u>Perfs</u>		SPF/#shots
***************************************					***************************************		***************************************			
CP5 sds		E740 F7041	4/70							
CP5 Sus	 .	5712-5731'	4/76	***************************************				***************************************		
	 .		***************************************				***************************************			
			CHRC	NOLOGIC	AL OPERAT	IONS	***************************************			
Date Worl	k Perfo	rmed: 17	-Apr-08		ALL OF LIGHT	10110	SITP:	5	SICP:	0
Day2a.		***************************************					•			
RU BJ Se	ervices	"Ram Head" frac ning 17 frac fluid. ical. Treated @ a for next stage. IS	flange, RU	BJ & frac C	P5 sds, stag	je #1 do	wn casing	w/ 45 <u>,</u> 958#	s_of 2	0/40 sand ir
Techna Hi	b chem	ing 17 frac fluid.	Open well ave pressure	w/ U psi o of 1725 w/	n casing. Pe	erts brol 23 3 hnn	Ke down @) 2307 psi. of sand Sr	Pum	p 30 gals o
HCL acid i	n flush	for next stage. IS	IP was 1824	. 600 bbls	EWTR. Lea	ve pres	sure on we	See day	2h.	0013 01 13 /
01-11-0					VERY (BBL			- 11-1		
_		to be recovered:	140		ng oil rec to d					
Fluid <u>lost</u> /r Ending flui		recovered:	460 600	Oil lo	st/recovered to oil recovered:	today:				
-		FFL:	FTP:			7000000	luid Rate:		Final c	oil cut:
		STIMUL AT	ION DETAIL			"		COSTS		
Base Fluid	used:	Lightning 17	Job Type:		d frac			<u>00313</u>	2	
Company:	-	3J Services	· _				Weatherfo	d Services		\$1,000
Procedure	or Equi	pment detail:	CP5 sds dov	vn casing		***************************************	C-D trkg	frac water	•	\$740
<u>1554</u>	l gals w	/ Techna Hib & to	cross link			***************************************	Zub	ate Hot Oil	•	\$680
<u>3570</u>	gals o	f pad					BJ Service	es CP5 sds	•	\$23,784
2819	gals w	/ 1-5 ppg of 20/40	sand			•	NPC	Supervisor	,	\$300
5623	gals w	/ 5-8 ppg of 20/40	sand						•	
504	gals of	15% HCL acid							•	
Flusi	h w/ 52	50 gals of slick wa	ater				·		,	
***************************************				***************************************	***************************************		······································		•	
Flu	sh calle	ed @ blender to inc	clude 2 bbls f	or pump/lir	ne volume	*			•	
	***************************************	Max Rate: 23		uid pmpd:	460 bbls	-				
Avg TP	: 1824	Avg Rate: 23.3				-				
	: <u>1824</u>	5 min:	10 min: _		FG: <u>.75</u>		DAILY C	OST:		\$26,504
Comple	etion S	upervisor:	Ron Shuck			-	COTAL WE	LL COST:		\$378,331



3 of 9

AALTEL	AMINIE.		reuerai 1-2	2-9-10	Report Da	ate:4	-18-08			Day: 2b
Ope	ration	_	Completion				Rig:	Rigle	ess	
				V	ELL STATUS		<u> </u>			
Surf Csg:	8-5/8	@	336'		Csg: 5-1/2'	' @	5944'	Csa P	BTD:	5856'WL
Tbg:	Size:		Wt:	Grd:	PI	cr/EOT @:	******	BP/Sand P		4910'
				DEDE	DRATION REC	OBD				
Zone			<u>Perfs</u>	SPF/#shots		Zone		<u>Perfs</u>		SPF/#shots
		***************************************			<u></u>					<u> </u>
B1 sds		4793-	490E'	A/AO	T Promptogastic					
CP5 sds		5712-	~~~~~~~	4/48 4/76		·····	······································			***************************************
	negar .							***************************************		
										
				CHRONOL	OGICAL OPER	RATIONS				
Date Worl	k Perfo	rmed:	:17-Aլ	or-08			SITP:	s	ICP:	1390
Day2b.										
RU Perfo	rators	LLC W	/LT, crane & lu	bricator. RIH	w/ Weatherford	5-1/2" (6	K) composit	e flow through	gh fra	c plug & 12
total of 48	Set plu shots	g @ 4: RU B.	910°. Perforate J.& frac stage :	e B1 sds @ 4/ #2 w/ 40 100#'	93-4805' w/ 3-1 s of 20/40 sand	/8" Slick (Guns (19 gra	am, .49"HE,	120) w/ 4 spf fo
1390 psi o	n casir	g. Pe	rfs broke down	@ 1632 psi.	Pump 30 gals c	of Techna	Hib chemica	ng 17 mac m al Treated 6	uia. (วิ) ave	pen well w. nressure o
1811 w/ av	/e rate	of 23.3	3 bpm w/ 8 ppg	g of sand. Spo	ot 12 bbls of 15	% HCL ac	id in flush fo	or next stage	. ISI	P was 1936
1002 bbls	EWTR	. Leav	e pressure on	well. See day	2c.			-		
				FLUID	RECOVERY (B	BLS)				
Starting flu			***************************************	600	Starting oil rec					
Fluid lost/r					Oil lost/recover	• .				
Ending flui	d to be	recove	ered:100 FT		Cum oil recove hoke:	,	Fluid Data			
					noke.	Finai	Fluid Rate:		·ınaı c	oil cut:
Dogo Fluid			STIMULATION		0 16			COSTS	<u> </u>	
Base Fluid Company:		Ligi BJ Sei		ob Type:	Sand frac		Moothorfo	nd Camilana		
Procedure			***************************************	sds down cas	ina	,		rd Services		\$2,400
	_	-			ing	,		frac water		\$650
		***************************************	nna Hib & to cro	OSS IINK				iate Hot Oil		\$600
***************************************	gals c			_			***************************************	ces B1 sds		\$9,583
		····-·································	opg of 20/40 sa	**************************************			Perfora	tors B1 sds	,	\$4,100
5018	gals v	// 5-8 p	opg of 20/40 sa	ınd					,	
504	gals of	15% F	HCL acid							
Flusi	h w/ 43	26 gal	s of slick water							
Jan. 200 6										***************************************
<u>**Flu</u> Max TP			***************************************	de 2 bbls for pu Total fluid p	mp/line volume	***************************************				
	***************************************				ompd: <u>402 bb</u> ompd: 40,109#					
	: 1936		min:	10 min:	FG: .8		DAILY C	OST·		\$17,333
Comple			***************************************	n Shuck				ELL COST:		\$395,664
l-					,		· O · AL VII	5551		Ψυυυ,υυ4



TOTAL WELL COST: \$428,421

			DAILY CO	MPLETIC	NRFF	ORT			<i>F</i>	Yot 4
WELL	NAME:	Federal 7-22			t Date:		18-08			Day: 2c
Оре	eration:	Completion					Rig:	Ri	gless	<u></u>
	**************************************		W	ELL STAT	US					
Surf Csg:	8-5/8	@336'			·1/2"	@	5944'	Csg	PBTD:	5856'WL
Tbg:	Size:	Wt:	Grd:		Pkr/E	ОТ @: _		BP/Sand		·····
			PERFO	RATION F	PECOR	n			Plug	4910'
<u>Zone</u>		<u>Perfs</u>	SPF/#shots	MATION		<u>ne</u>		<u>Perfs</u>		SPF/#shots
C = d=		007 47451	4186		***************************************		***************************************			
C sds B1 sds		697-4715' 793-4805'	4/72 4/48			***************************************	4////	***************************************	••••	
CP5 sds		712-5731'	4/76		***************************************		***************************************		••••	
							ини		_	
					***************************************	·····				
5 4 124			CHRONOLO	OGICAL O	PERAT	IONS				
Date Wor	k Perforr	ned: <u>17-Ap</u>	<u>r-08</u>				SITP:		SICP:	1335
Day2c.	RIH w/	frac nlug & 18' nerf	aun Set nluc	a @ 4750'	Dorfo	rata C a	do @ 4607	7 47451	1	
shots. RU	J BĴ & fra	frac plug & 18' perf c stage #3 w/ 109,8 roke down @ 3835 p m w/ 8 ppg of sand	92#'s of 20/40	sand in 80	1 bbls	of Light	ning 17 fra	-47 15 W/ c fluid. Op	4 spt to en wel	or total of 72 I w/ 1335 ps
on casing	. Perts bi	roke down @ 3835 p	osi. Pump 30	gals of Tec	hna Hil	o chěmi	ça <u>l</u> . Treate	ed @ ave	gressur	e of 2002 w.
Starting flu	uid load to	b be recovered:		RECOVER'		_				
Fluid lost/		***************************************	***************************************	_						
Ending flu		·	3 (Cum oil rec	overed:					
IFL:	F	FL: FTF	P:Ch	noke:	NATIONAL CONTRACTOR OF THE PROPERTY OF THE PRO	Final F	Fluid Rate:	······································	_Final o	oil cut:
		STIMULATION		_				cos	S	***
Base Fluid Company:	*******	Lightning 17 Jo I Services	b Type:	Sand frac	<u>, </u>	<u></u>	\A.(11- · · · · · ·			40.400
	***************************************		ds down casing	7			Weatherfor			\$2,400
		Techna Hib & to cro	`	9				frac wate	_	\$1,815
***************************************	4 gals of p		22 11111			-		ate Hot O		\$1,680
***************************************		1-5 ppg of 20/40 sar		······································			······	rices C sds	****	\$22,762
		/ 5-8 ppg of 20/40 sa					Periora	ators C sds		\$4,100
***************************************		8 ppg of 20/40 sand							_	
		5% HCL acid			######################################	-			-	
*****************		gals of slick water							*****	
		@ blender to includ	e 2 bbls for pur	np/line vol	ume**	•				
***************************************	P: 2403 N		Total fluid pr	·····	bbls	. ,,,,,,,	***************************************		-	
		Avg Rate: 23.3 bpn	1 Total Prop p		***************************************					
ISIF	P: <u>2125</u>	5 min:	10 min:	FG	: <u>.89</u>	_	DAILY C	OST:	_	\$32,757

Completion Supervisor: Ron Shuck



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DAILY COMPLETION REPORT

Federal 7-22-9-16

WELL NAME:

WELL	NAME:	Federal 7-2	2-9-16	Report Da	ite: 4	l-18-08			Day:	2d
Оре	eration:	Completion				Rig:	Rig	jless		***************************************
		- Min.	WEL	L STATUS		· · · · · · · · · · · · · · · · · · ·				
Surf Csg:	<u>8-5/8'</u> @			sg: 5-1/2' '		5944'	Csg	PBTD:	5856	'WL
Tbg:	Size:	Wt:	Grd:	Pk	r/EOT @:		BP/Sand			
			PERFOR	ATION REC	ORD			Plug	4910'	4750
<u>Zone</u>		<u>Perfs</u>	SPF/#shots		Zone		<u>Perfs</u>		SPF/#s	shots
D1 sds		57-4568'	4/44	***************************************		***************************************	***************************************			
C sds B1 sds		97-4715' 93-4805'	4/72 4/48	00000000000		***************************************	***************************************		····	
CP5 sds		12-5731'	4/76	***************************************		***************************************	······	***	······································	
	***************************************			***************************************						
7-74			OURONOLOG			***************************************				
Data War	k Perform	ad. 47 A	CHRONOLOG	SICAL OPER	RATIONS					
Dav2d.	k Periorin	eu: 17-A	pr-08			SITP:		SICP:	19	50
RU WLT 46557-68' frac fluid. Treated @ & WLT. F	RIH w/ f w/ 4 spf fc Open wel ave press low well ba	rac plug & 11' pe or total of 44 shot I w/ 1950 psi on sure of 2259 w/ a ack. Well flowed	erf gun. Set plug s. RU BJ & frac s casing. Perfs bro ve rate of 23.3 bp for 1 hours & died	@ 4595' (set stage #4 w/ 5 oke down @ m w/ 8 ppg c w/ 70 bbls re	thigh due 52,326#'s 4162 psi of sand. I ec'd. SIF	e to sand in of 20/40 sa . Pump 30 SIP was 216 N.	casing). P nd in 490 b gals of Teo 50. 2293 b	Perforational Perforation of the	e D1 s Lightni lib che VTR. F	ids @ ng 17 mical RD B
Fluid lost/i Ending flu	uid load to recovered t id to be rec	overed: 22	2293 Sta 0 Oil 223 Cu	COVERY (B arting oil rec lost/recover m oil recover se:	to date: ed today: ed:	Fluid Rate:		-	oil cut:	
· · · · · · · · · · · · · · · · · · ·		STIMULATIO	N DETAIL				COST	s		
Base Fluid	d used:L	ightning 17 J	ob Type: S	and frac	-					
Company:	BJ :	Services				Weatherfo	rd Services	- <u>-</u>	\$2	2,400
Procedure	or Equipm	ent detail: D1	sds down casing			C-D trkg	frac water	-	\$1	,080
142	8 gals w/ T	echna Hib & to cr	oss link			Zub	iate Hot Oi	<u>l</u>	\$1	,000
499	8 gals of pa	ad				BJ Servi	ces D1 sds	6	\$26	5,762
325	0 gals w/ 1	-5 ppg of 20/40 sa	and			Perforat	ors D1 sds	 5	\$4	1,100
<u>645</u> 2	2 gals w/ 5	-8 ppg of 20/40 sa	and			C-D trkg wa	ter transfer	-		\$500
Flus	sh w/ 4452	gals of slick wate								·
Max TP	out of san	d before 8 ppg								
_			Total fluid pmp					<u></u>		
ISIP: 2160 5 min:		g Rate: 23.3 bp	m Total Prop pm	od: 52,326#	's	DAILYO	OCT.	_	ው ጋ -	: 0.40
	***************************************	g Rate: 23.3 bp			's	DAILY C		- 		5,842 1,263



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DAILY COMPLETION REPORT

WELL NAME: Federal 7-22		22-9-16		Re	port D			19-08			Day: 3		
	Operation:	Com	pletion					-		Rig:	Wes	tern #2	
					W	ELL ST	ATUS						
Surf Tbg:		@ <u>3</u> 2-7/8"	36' Wt:	6.5#	Prod _Grd:_	Csg:	5-1/2 5P	e" Pkr/EOT	@:_ 	5944' 4341'	Csg BP/Sand	PBTD:	
					PERFO	RATIO	N REC	CORD				Plug	4910' 4750'
	one	Perfs	_	SPF.	/#shots			Zone			<u>Perfs</u>		SPF/#shots
D1 s	***************************************	557-4568 697-4715	-	4/44			******						
B1 s		793-4805		4/72 4/48					***************************************				·····
CP5	***************************************	712-5731	w	4/76	***************************************		******		***************************************	***************************************	······································	****	
	······································			***************************************			*******						
									······································				
Date	Work Perfor	mod:	10		RONOL	OGICA	L OPE	RATIO	<u>NS</u>	0170			_
	JSU. Open v			4pr-08							***************************************	SICP:	
Fluid	ing fluid load t lost <u>/recovere</u>	<u>d</u> today:		2223 0	*****	RECOV Starting Oil lost/	oil rec	to date	^*****				
Endi:	ng fluid to be r	ecovered: FFL:		223 TP:		Cum oil noke:	recove		inal I	luid Rate:			. 11 4 .
		***************************************	***************************************		***************************************	***************************************	•••		ıllal I	Tulu Kate:			oil cut:
	IUBIN	G DETAIL	=		ROI	D DETA	<u> </u>				COST		#4.044
KB	12.00'			1 1/2	2" X 26'	polishe	d rod			······	Western rig		\$4,341 \$300
80	2 7/8 J-55 tb	q (2496')		************	/4" ponie				******	***************************************	("A" grade		\$26,500
	TA (2.75')		***************************************	***************************************	scraper						NDSI wtr tri	-	\$600
	2 7/8 J-55 tb	g (')			plain ro		***************************************		жее	······································	n Chemica	····	\$400
	SN (1.10')		······································	***************************************	: 3/4" scra		ods	······································		***************************************	DSI Hot Oi		\$500
	2 7/8 J-55 tb	g (')			1/2" wei						s pit reclaim		\$5,000
	2 7/8 Notche	d collar (.4	4 5)		2 1/2' X	T	***************************************	***************************************	-	***************************************	equipmen		\$150,000
EOT	w/ 12' KB			RHA	AC pump	W/SN	/l plung	ger	*****		bor/welding		\$19,500
				***************************************			***************************************		******	······································	wtr disposa		\$8,500
				***************************************			***************************************	************************	******		kg rig equip		\$1,700
				***************************************				***************************************			NPC trkg		\$1,500
									******		Superviso	<u>r</u>	\$300
_		_			_					DAILY C	-		\$219,141
С	ompletion Su	pervisor:	R	on Shuc	k				-	TOTAL W	ELL COST	:	\$683,404



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				DAILY COMPI	LETION RE	PORT				101	l
WELL NAME: Federal		7-22-9	-16	Report Date	:4-	22-08			Day:	4	
0	peration:	Completion	on				Rig:	Wes	tern #2		
				WELL	STATUS						
Surf Csg	j: <u>8-5/8</u> '	@ 336'		Prod Csg		@	5944'	Csa	PBTD:	589	90'
Tbg:	Size:	2-7/8" Wt	: 6.5	5#Grd:	-55 Pkr/E		5848'	BP/Sand		589	
				DEDECDAT	TION BECOE	חח					
Zone		<u>Perfs</u>		SPF/#shots	TION RECOF	one		<u>Perfs</u>		SPF/#	chote
D1 sds	*******************************	4557-4568'		4/44	=	<u>one</u>		1 0113		<u> 3FF/#</u>	SHOLS
C sds		4697-4715'		4/72					_		
B1 sds CP5 sds		4793-4805' 5712-5731'	·····	4/48	***************************************	***************************************					
CF3 Su	<u> </u>	3/12-3/31		4/76	***************************************	***************************************					
										······································	
				CHRONOLOGIC	CAL OPERA	TIONS			-		
Date W	ork Perfo	rmed: 2	1-Apr-0				SITP:	40	SICP:	0	ı
Open	vellw/ O r	eion casing Pl	Lewiyo	L numn 2 tanka	C/O to plug	@ 4505					
(Q) 4/5U	'. Drig ou	osi on casing. RI it plug #2. TIH w	/ tba to	tag sand @ 476	55' C/O to bl	lua (2) 49	910' Drla	out plua #3	TIH .	w/ tha	to tac
sand @	5/26', C	/O to PBTD @ 5	890'.	LD 2 jts tbg. Rt	J swab. IFL	was sur	face. Mad	e 8 runs to	rec'd 9	withy 92 bbls	io iac fluid
FFL was	s 1100'. S	SIFN.									
	fluid load	to be recovered:	***************************************	***************************************	ing oil rec to	date:					
		recovered:	92 2131	***************************************	st/recovered oil recovered	· ·			-		
IFL:		FFL:	FTP:	Choke		****	Fluid Rate:		_ Final c	oil cut:	
	TURU	NG DETAIL		ROD DE	TAU			***************************************			
	1001	<u> </u>		KOD DE	IAIL	_		<u>COST</u> Western rig	_	ΦE	,892
KB 12	:.00'			1 1/2" X 26' polis	shed rod			rford BOP's			\$300
187 2	7/8 J-55 t	og (5848')		X 3/4" ponies				ower swive			\$750
	A (2.75')		-	3/4" scrapered re	ods		······································	on clean up	 .		\$400
2	7/8 J-55 t	og (')		3/4" plain rods				t Sanitation	-	·····	\$325
***********	V (1.10')			20-3/4" scrapere	d rods		***************************************	Supervisor			\$300
***************************************	7/8 J-55 t	og (')		6-1 1/2" weight r				очроги ос			9000
		ed collar (.45)		CDI 2 1/2' X 1 1/	uus						
EOT w	·····							***************************************			
	/ 12' KB			······································	2" X '				····· ,		
***************************************	/ 12' KB			RHAC pump W/	2" X '	**************************************			·····		
	/ 12' KB			······································	2" X '				······································		
	/ 12' KB			······································	2" X '						
	/ 12' KB			······································	2" X '				·		
		upervisor:		······································	2" X '		DAILY O	OST:	·	\$7	7,967



ATTACHMENT G-1 8 of 9

WEL	L NAME:	Fed	deral 7-2	2-9-16		Rep	ort Date	: 4	-23-08			Day:	5
(Operation:	Com	pletion						Rig:	Wes	tern #2	******	***************************************
					WE	LL STA	TUS						
Surf Cs	sg: <u>8-5/8</u>		36'		Prod C		5-1/2"	@	5944'	Csg	PBTD:	5890)'
Tbg:	Size:	2-7/8"	Wt:	6.5#	Grd:	J-55	Pkr/E	OT @:	5795'	BP/Sand		5890	
				F	PERFOR	RATION	RECOR	RD					
<u>Zon</u>	_	<u>Perfs</u>		_	shots			one		<u>Perfs</u>		SPF/#sI	nots
D1 sds		4557-4568'		4/44			***************************************		***************************************				
C sds B1 sds	······································	4697-4715' 4793-4805'		4/72 4/48					***************************************			·····	
CP5 sc		47 93-4603 5712-5731'	~~~~~~~	4/46			***************************************		<i></i>		·····		
					***************************************		***************************************						
***************************************			***************************************						***************************************				
				CHR	ONOLO	GICAL	OPERA	TIONS					
Date V	ork Perfo	rmed:	22-A	pr-08					SITP:	400	SICP:	600	1
Open	well w/ 60	0 psi on ca	sing F	RU swab.	IFL wa	as 400'.	Made 3	runs to	rec'd 42 h	bls fluid	 Well sta	arted to	flow
Flowed	l 66 bbls. (Sirculate we	ell. Made	e 9 runs.	FFL wa	as 400'.	Last rur	n showe	ed trace of	oil w/ no s:	and R	ac'd 84	hhle
sub.	is total. Ri TH w/ NC	D swab equ 2 jts tbg, S	upment. SN 1 it	TA (new	Dg to P	BID @	. (2890) 1# shear	Circulat \ 181 i	e well clea	n. TOOH	w/tbg.	LD bit	& bi
16,500	#'s tension	w/ SN @ 5	731', & E	EOT @ 57	795'. Fli	ush tba	w/ 60 bb), roi j ds fluid	SIFN	DOP'S.	Set TA	@ 269	o w
.					LUID RI	ECOVE	RY (BBL	<u>.S)</u>					
	g fluid load st <u>/recover</u> e	to be recov	***************************************	2131 16		_	oil rec to	-		•••••	······		
	fluid to be			15			covered ecovered		······				
IFL:		FFL:		ΓP:		oke:	ecovereu	-	Fluid Rate:		 Final o	oil cut:	
	TUBIN	IG DETAIL			ROD	DETAI				cos		*******	
*******				***************************************	<u> </u>					Western ri		\$5	484
KB 1	2.00'		Maddidate	1 1/2'	' X 26' p	olished	rod			rford BOP'	<u></u>		300
181 2	7/8 J-55 tk	og 5	684'	X 3/4	l" ponies	s			С	DI TA & SI	- V		625
Ţ	A (2.75')	5	696'	3/4" s	crapere	ed rods		····	***************************************	Superviso		***************************************	300
2	7/8 J-55 tk	og (')		***************************************	lain rod			···· »	***************************************				
5	SN (1.10')	57	731'	***************************************		ered ro			***************************************		•••••		***************************************
2	7/8 J-55 tk	oa (')		G 1 1	/OII :		us			······································			
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FOT v	7/8 Notche	ed collar (.4	5)	***************************************		ht rods 1 1/2" X						***************************************	
	V	ed collar (.4		CDI 2	2 1/2' X	1 1/2" X						23724737444	
	: 7/8 Notche w/ 12' KB	ed collar (.4	5) 95'	CDI 2	2 1/2' X	1 1/2" X							
	V	ed collar (.4		CDI 2	2 1/2' X	1 1/2" X							
	V	ed collar (.4		CDI 2	2 1/2' X	1 1/2" X							
	V	ed collar (.4		CDI 2	2 1/2' X	1 1/2" X							
	V	ed collar (.4 57	95'	CDI 2	2 1/2' X	1 1/2" X			DAILY	OST:		\$6,	709



ATTACHMENT G-1 9 of 9

WE	ELL NAME:	Feder	al 7-22-9-16		Repo	rt Date:	4	-24-08			Day: 6
	Operation:	Comple	tion					Rig:	Wes	tern #2	-
				WEL	L STA	TUS					***
Surf (@ 336'		Prod Cs		5-1/2"	. @ _	5944'	Csg	PBTD:	5890'
Tbg:	Size:	2-7/8" V	Vt: 6.5#	Grd:	J-55	Pkr/E	ОТ @: _	5795'	BP/Sand	PBTD:	5890'
				PERFORA	ATION	RECOR	D				
	one .	<u>Perfs</u>		/#shots		Zo	ne		<u>Perfs</u>		SPF/#shots
D1 so		557-4568'	4/44	***************************************		***************************************			·····		
B1 sc		97-4715' '93-4805'	<u>4/72</u> 4/48			***************************************		***************************************			·
CP5		'12-5731'	4/76	***************************************		***************************************		***************************************			***************************************

		······						***************************************		****	
			CHI	RONOLOG	ICAL (PERAT	IONS				
Date	Work Perforn	ned:	23-Apr-08	•				SITP:	0	SICP:	0
Ope RHA(n well w/ 0 ps C new CDI pur	i on casing. mp w/ 157"S	Flush tbg w	60 bbls fl	uid. Pi	ck up &	prime	pump. TIH	w/ 2-1/2"	x 1-1/2	2" x 16' x 18
rods	(4 per), 2, 4',	6',8' x 3/4"	pony rod, 1-	weight 100. 1/2" x 26'	s, 20- Polish	ed rod.	ueu ro Space	us, 103- <i>3/</i> • numn	4 piain roi Test tha &	38, 99- numn	to 800 psi
RDM	OSU. POP@	12PM w/ 10	2"SĹ @ 5 SP	M. Final F	Report.		-	- pp	. oot tog a	pamp	10 000 psi
				FLUID RE	COVER	RY (BBL	<u>S)</u>	-			······································
	ng fluid load to		***************************************			I rec to c				***	
	lost <u>/recovered</u> g fluid to be re	***************************************	0 1915	*****		covered to			······································		
IFL:	_	FL:	FTP:	Chok		covereu.	-	Fluid Rate:		Final o	oil cut:
	TUBING	DETAIL		ROD	ETAIL				COST	<u>s</u>	
	***************************************							1	Western rig	<u></u>	\$5,794
KB	12.00'	······································	<u>1 1/3</u>	2" X 26' po	lished r	od	. ,,,,,	Rds	("A" grade)	\$14,400
181	2 7/8 J-55 tbg	5684.33	3' 2',4'	,6',8' X 3/4'	" ponie:	S			CDI pump)	\$1,450
	TA (2.75')	5696.33	<u>99-</u>	3/4" scrape	ered roo	ds		NPC frac t	nks 6x8dys	<u> </u>	\$1,920
1	2 7/8 J-55 tbg	(31.40')	103-	- 3/4" plain	rods	***************************************		NPC sw	ab tnk 4dys	<u></u>	\$160
	SN (1.10')	5730.53	20-	3/4" scrape	ered roo	ds		NP	C frac head	1	\$500
2	2 7/8 J-55 tbg	(62.88')	<u>6- 1</u>	1/2" weigh	t rods		•	Zub	iate Hot Oi	<u> </u>	\$600
	2 7/8 Notched	collar (.45)	CDI	2 1/2' X 1	1/2" X '			NPC	Superviso	<u></u>	\$300
EOT	w/ 12' KB	5794.96	<u>' RHA</u>	AC pump W	V/ SM p	lunger		·····		•••	
	***************************************	***************************************	***************************************			***************************************					
							_			_	
							1000	DAILY C	 OST:		\$25,124
_	ompletion Sup	_	Ron Shuc					_			

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4507'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	172' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 45 sx Class "G" cement down 5 1/2" casing to 386'

The approximate cost to plug and abandon this well is \$42,000.

Attachment H-1

Federal 7-22-9-16

Spud Date: 3/12/08 Put on Production: 04/23/08 GL: 5818' KB: 5880'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24#

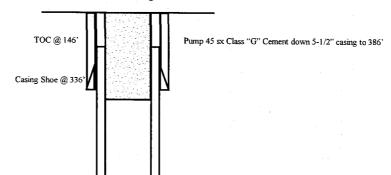
LENGTH: 8 jts. (323.72')

DEPTH LANDED: 336

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

Proposed P & A Wellbore Diagram



(1402'-1522')

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (5930.89')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5944

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 146'

172' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of

Mahogany Oil Shale (2730'-2902')

120' balance plug using 14 sx Class "G" cement 60'

above Uinta/Green River and extending 60' below

100° (12 sx) Class G Cement plug on top of CIBP CIBP @ 4507°
4557-4568°

4697-4715°
4793-4805°

5712-5731°

PBTD @ 5890°

SHOE @ 5944°

TD @ 5950'



Federal 7-22-9-16 2036' FNL & 1837' FEL SWNE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-33027; Lease #UTU-64379

The Salt Lake Tribune



Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

	DECEIVED		
CUSTOMER NAME AND ADD	DECE	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,	JUN 0 4 2012	9001402352	5/25/2012
1594 W NORTH TEMP #1210 P.O. BOX 145801	DIV OF OIL GAS & MININ		
SALT LAKE CITY, UT 84114		BEFORE THE DIVISION OF C DEPARTMENT OF NATU STATE OF! NOTICE OF AGEN	RAL RESOURCES JTAH CY ACTION
ACCOL	INT NAME	IN THE MATTER OF THE APPUCATION OF NEWFIEL	PRODUCTION COMPANY FOR ADMINISTI
DIV OF OIL-C	SAS & MINING,	THE APPROVAL OF CERTAIN WELLS LOCATED IN S 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 IT INJECTION WELLS. THE STATE OF UTAIN TO ALL PERSONS INTERESTED Motice is bereby given that the Division of Oil, G	EAST, DUCHESNE COUNTY, UTAH, AS CL
TELEPHONE	ADORDER#	 on informal adjudicative proceeding to consider the pany, 1001 17th Street, Suito 2000, Denver, Clar administrative approval of the following well 	he application of Newfield Production Ci olorado 80202, telephone 303-893-01
8015385340	0000794885	 version to Class II injection wells. Greater Monument Butte Unit. Monument Federal 22-12) well located in SE/4 to 16 East. API 43-013-15796 	
SCH	EDULE	Federal 5-13-9-16 well located in SW/4 NW/ East API 43-013-32658	
St 05/35/2012	E 1 05/05/04	Federal 13-15-9-16 well located in SW/4 SW, East API 43-013-33136	
Start 05/25/2012	End 05/25/20) Federal 7-17-9-16 well tocated in SW/4 NE/- East — API 43-013-33030	i, Section 17, Township 9 South, Range
CUST,	REF. NO.	Federal 1-19-9-16 well located in NE/4 NE/4 East — API 43-013-33062	, Section 19, Township 9 South, Range
Newfield Prod U	JIC-392	Federal 5-19-9-16 well located in SW/4 NW/ East API 43-013-33174	
CA	PTION	Federal 1-20-9-16 well located in NE/4 NE/4, API 43-013-33066 Federal 3-20-9-16 well located in NE/4 NW/4,	
CA	PTION	APt 43-013-33067 — Federal 5-20-9-16 well located in SW/4 NW/	
BEFORE THE DIVISION OF OIL, GAS AND I	MINING DEPARTME	East N = API 43-013-33104 Federal 9-20-9-16 well located in NE/4 SE/4, St API 43-013-33068	ection 20, Township 9 South, Range 16 E
	SIZE	Federal 9-21-9-16 well located in NE/4 SE/4, S API 43-013-33145 Monument Federal 31-21-9-16Y well located in	
97 Lines	2.00	Range 16 East API 43-013-31726	
87 Lines	3.00	 Federal 1-22-9-16 well located in NE/4 NE/4, S API 43-013-32612 Federal 7-22-9-16 well located in SW/4 NE/4, 	
TIMES		API 43-013-33027 Federal 3-23-9-16 well located in NE/4 NW/4,	
3		API 43-013-33176 Federal 11-23-9-16 well located in NE/4 SW, East	4, Section 23, Township 9 South, Range
MISC. CHARGES		API 43-013-33178 Federal 15-23-9-16 well located in SW/4 SE/ AD API 43-013-33182	4, Section 23, Township 9 South, Range
MISC. CHARGES		AD API 43-013-33182 Federal 3-24-9-16 well located in NE/4 NW/4, API 43-013-33084	Section 24, Township 9 South, Range 16
		Federal 15-24-9-16 well located in SW/4 SE/ East API 43-013-33344	4, Section 24, Township 9 South, Range
	CONTRACTOR OF THE PARTY OF THE	Federal 21-25Y well located in NE/4 NW/4, Sec API 43-013-31394	
		The proceeding will be conducted in accordance Procedures. Selected zones in the Green River Formation will	t he used for water injection. The max
		requested injection pressures and rates will be a	tetermined based on fracture gradient i
A	AFFIDAVIT OF PUBLICAT	he scheduled in accordance with the afore	ce of intervention is received, a hearing mentioned administrative procedural
VSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF		Profestants and/or interveners should be prepa	red to demonstrate at the hearing ho

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, 1 C

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES

STATE OF UTAH

CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING

COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND IT

ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT

COMPANY AND PUBLISHED IN SALT

RESPONSE THE SALT LAKE TRIBUNE AND IT

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NOTICE IS ALSO POSTED ON UTAHLEGALS COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON

UTAHLEGALS.COM INDEFINATELY.

Start 05/25/2012

End 05/25/2012

PUBLISHED ON

SIGNATURE

5/25/2012

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

Send Payments to: Uintah Basin Standard 268 S 200 E Roosevelt, Utah 84066

Phone: 435-722-5131 Fax: 435-722-4140





Invoice Date

30968

Invoice Number

5/30/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$191.45

6/29/2012

DIVISION OF OIL GAS & MINING Rose Nolton 1594 W. N.TEMPLE STE 121 PO BOX 145801 **SALT LAKE CITY, UT 84114-5801** See Sheling Briting

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Jintah Basin Standard			DIVISION OF OIL GAS & MINING	Invoice No. 30968			5/30/2012
Date	Order		Description	Ad Size	SubTotal	Sales Tax	Amount
5/30/2012	15615	UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012			·	\$191.45
						Sub Total:	\$191.4
				Total Transactions:	: 1	Total:	\$191.45

SUMMARY

Advertiser No.

2080

Invoice No.

30968

1 1/2% fee will be charged to all past due balances. Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for ______ consecutive issues, and that the first publication was on the ______ day of _______, 20 /_____, and that the last publication of such notice was in the issue of such newspaper dated the _______ day of ________, 20 /_______, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

/ Publisher

Subscribed and sworn to before me on this

by Kevin Ashby.

day of

Notary Public

.20 / 2



NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

BEFORE THE DI-VISION OF OIL, GAS AND MINING, DE-PARTMENT OF NAT-URAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12.13.15.17.

Published May 22 and 29, 2012,

in advance of the hear-Planning at least 3 days call Duchesne County this meeting should commodations for needing special acutan gov. Persons mhyde@duchesne. Utah 84021 or email Box 317, Duchesne, County Planning, P.O. ments to: Duchesne 1151, Or, send com-Hyde at (435) 738mation contact Mike For further infor-

esne, Utah. Center Street, Duch-Building, 734 North County Administration Chambers, Duchesne PM in the Commission ing, beginning at 1:30 June 18, 2012 meet-#12-302 during their esoqoiq besoqoid recommendation and Planning Commission lic hearing to review the ers will conduct a pub-County Commission-The Duchesne

restrict the numbers of livestock kept in.

LEGAL N

Your Right

Christensen, located on the south side of Highway 87 (Ioka Lane) and the west side of 4000 West, in the NE ¼ of the NE ¼ of Section 2, Township 3 South, Range 2 West.

The Duchesne County Commissioners will conduct a public hearing to review the Planning Commission recommendation and proposed rezone ordinance during their June 18, 2012 meeting, beginning at 1:30 PM in the Commission Chambers, Duchesne County Administration Building, 734 North Center Street, Duchesne, Utah.

For further information contact Mike

SERET PO

ATORY TECHNI CHEMIST

s an electrical utility states. We have ar a Laboratory Tect a 500 MW coal-fifial, Utah.

candidate will be re le, and take independent on high pressure of the potable water, and recandidate must also wondensate polishers, bulk chemical handle proputer literate and software.

High School graduate experience as a journician in an industria

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 21-25Y

Cause No. UIC-392

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 S 200 E Roosevelt, UT 84066 via e-mail <u>ubs@ubstandard.com</u>

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 S 500 E Vernal, UT 84078 SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Joan Sweet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Jean Sweet

Enclosure



Jean Sweet - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

Cindy Kleinfelter <classifieds@ubstandard.com> From:

To: Jean Sweet <i sweet@utah.gov>

Date: 5/23/2012 3:07 PM

Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov

It will be in the May 29 edition. Thank you. Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Jan Sweet

Enclosure



From:

"Fultz, Mark" <naclegal@mediaoneutah.com>

To:

<jsweet@utah.gov>

Date:

5/22/2012 2:32 PM

Subject:

Proof for Notice of Agency Action

Attachments: OrderConf.pdf

AD# 794885 Run SL Trib 5/25/12 Cost \$331.25 Please advise of any changes Thank You Ken







Remit to: P.O. Box 704005 West Valley City, UT 84170

Order Confirmation for Ad #0000794885-01

Client DIV OF OIL-GAS & MINING **Payor Customer** DIV OF OIL-GAS & MINING

Client Phone 801-538-5340 801-538-5340 **Payor Phone**

Account# **Payor Account**

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address Address 1594 W NORTH TEMP #1210, P.O. BO)

SALT LAKE CITY, UT 84114 SALT LAKE CITY, UT 84114 USA

Ordered By Acct. Exec Fax 801-359-3940

kstowe Jean **EMail** earlenerussell@utah.gov

Total Amount \$331.25

Payment Amt \$0.00 **Tear Sheets Proofs Affidavits**

\$331.25 **Amount Due** 0

Newfield Prod UIC-392 **Payment Method** PO Number

Confirmation Notes: Text: Jean

Ad Type Ad Size Color Legal Liner 3.0 X 87 Li <NONE>

Product Placement Position

Salt Lake Tribune:: Legal Liner Notice - 0998 Public Meeting/Hear-ing Notices

05/25/2012 Scheduled Date(s):

Product <u>Placement</u> **Position**

sltrib.com:: Legal Liner Notice - 0998 Public Meeting/Hear-ing Notices

Scheduled Date(s): 05/25/2012

Product Placement Position utahlegals.com:: utahlegals.com utahlegals.com

05/25/2012 Scheduled Date(s):

> **Order Confirmation** for Ad #0000794885-01

Ad Content Proof Actual Size

05/22/2012 2:32:33PM 1

Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

. . . .

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells: Greater Monument Butte Units Manument Federal 22-12) well located in SE/4 NW/4, Section 12, Township 9 South, Range API 43-013-15796 Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 API 43-013-32658 Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33062 Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 API 43-013-33174 Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33066 Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East API 43-013-33067 Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 API 43-013-33104 Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33068 Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East API 43-013-33145 Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-31726 API 43-013-31726
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-32612
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-33027 Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East API 43-013-33176 Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 API 43-013-33178 Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East API 43-013-33084 Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East Federal 21-257 well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East API 43-013-31394 The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based or fracture gradient information submitted by Newfield Production Company. matrior submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Divisior within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this nexter effects their intervents.

UPAXLE

STATE OF UTAH

/s/Brad Hill Permitting Manager 794885

matter affects their interests. Dated this 22nd day of May, 2012.

DIVISION OF OIL, GAS & MINING



GREGORY S. BELL Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 25, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 7-22-9-16, Section 22, Township 9 South, Range 16 East,

SLBM, Duchesne County, Utah, API Well # 43-013-33027

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,858 feet in the Federal 7-22-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

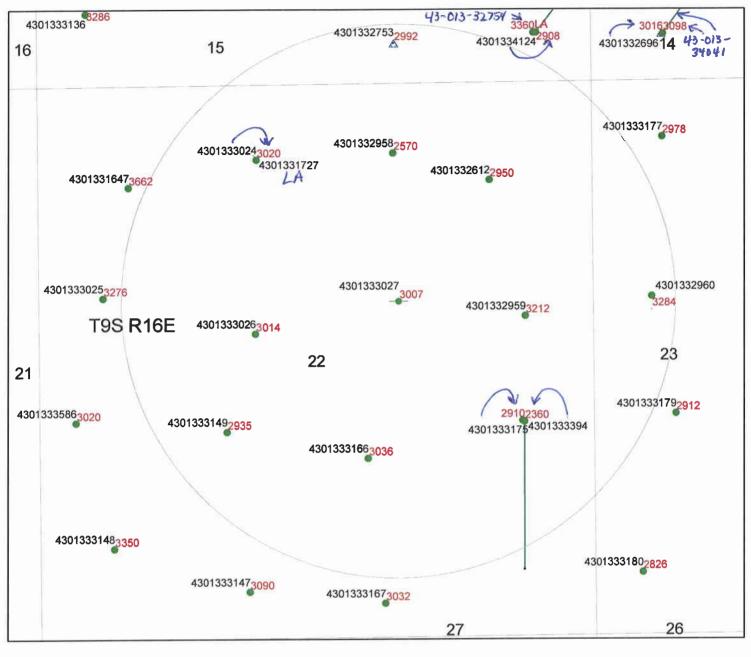
John Rogers
Associate Director

JR/MLR/js

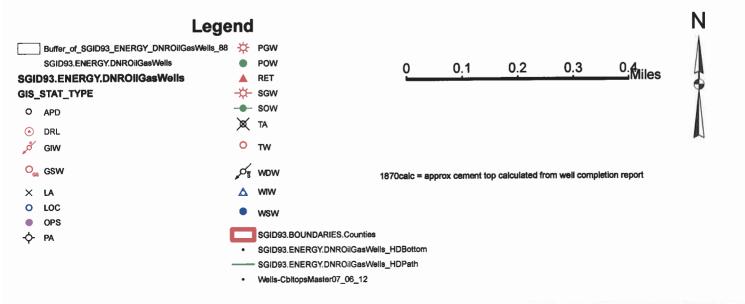
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops FEDERAL 7-22-9-16 API #43-013-33027 UIC 392.14



DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Nev	wfield Production Company	Well:	Federal 7-22-9-16	
Location:	22/9S/16E	API:	43-013-33027	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 336 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,944 feet. A cement bond log demonstrates adequate bond in this well up to about 3,007 feet. A 2 7/8 inch tubing with a packer will be set at 4,507 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 11 producing wells and 1 injection well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,858 feet and 5,890 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-22-9-16 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,787 psig. The requested maximum pressure is 1,787 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 7-22-9-16 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

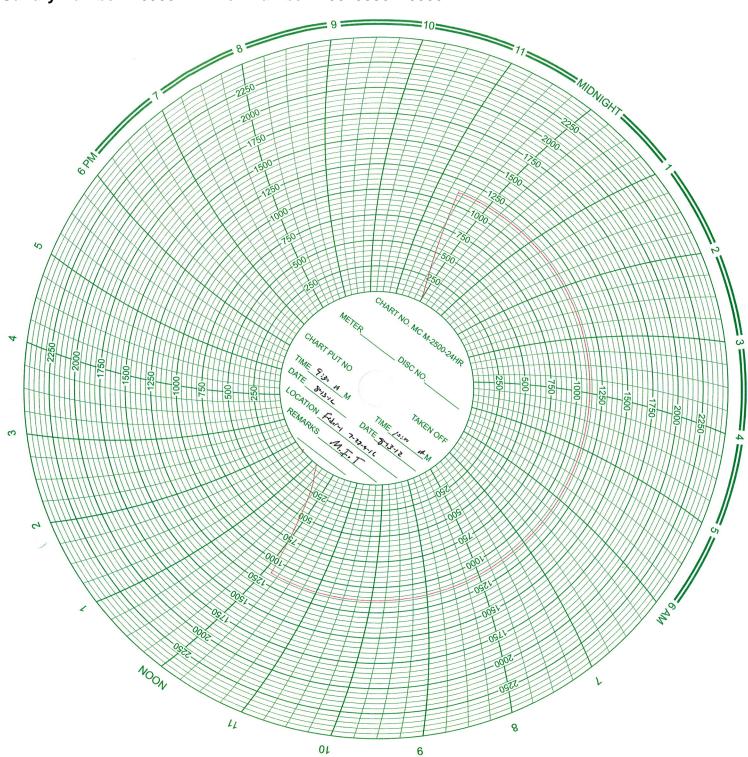
Reviewer(s):	Mark Reinbold	Date	7/12/2012

STATE OF UTAH			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013330270000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE
2036 FNL 1837 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 09.0S Range: 16.0E Meridian: S			STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on to State of Utah DOG above listed well. Opsig and charted for injecting during the	□ change to previous plans Change well status □ deepen □ operator change □ production start or resume □ reperforate current formation □ tubing repair □ water shutoff □ wildcat well determination □ as been converted from a production of the converted from a pr	ducing oil well to an aris Jensen with the ne initial MIT on the pressured up to 1180 oss. The well was not 400 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: August 28, 2012
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Lucy Chavez-Naupoto SIGNATURE	435 646-4874	Water Services Technician DATE 8/15/2012	
N/A		0/10/∠U1Z	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Field: Montage & BUHIL API No: 4301333027
API No: 4301333027
API No. 975013550 57
Casing Pressure
go psig
psig
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psig
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psig
490 psig
Pass



Summary Rig Activity Page 1 of 3

Daily Activity Report

Format For Sundry FEDERAL 7-22-9-16 6/1/2012 To 10/30/2012

8/7/2012 Day: 1

Conversion

Stone #10 on 8/7/2012 - MIRUSU SWS #10. TOOH LD rod detail. Swab fluid down. - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Wait on wtr. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - Crew travel - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Crew travel - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - Wait on wtr.

Daily Cost: \$0

Cumulative Cost: \$7,419

8/8/2012 Day: 2

Conversion

Stone #10 on 8/8/2012 - TOOH w/ tbg breaking collars & applying Liquid O-Ring to threads. Perforate A3 & A1 sds. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,483

8/9/2012 Day: 3

Conversion

Stone #10 on 8/9/2012 - Make bit & scraper run on N-80 tbg. TIH w/ RBP & PKR. Frac A3 & A1 sds. Flow back - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit &

Summary Rig Activity Page 2 of 3

scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. - RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS. - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit & scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. -RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS.

Daily Cost: \$0

Cumulative Cost: \$86,289

8/10/2012 Day: 4

Conversion

Stone #10 on 8/10/2012 - Retrieve RBP. TOOH LD N-80 tbg. TIH w/ injection string. Test tbg. - Crew travel & pre-job safety meeting. - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Crew travel & pre-job safety meeting. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN

Daily Cost: \$0

Cumulative Cost: \$108,735

8/14/2012 Day: 5

Conversion

Stone #10 on 8/14/2012 - Retreive SV. RD work floor. ND BOP. Pump PKR fluid. Test csg to 1400 psi. Get good test. RDMOSU WWS #10 - Crew travel & pre-job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! - Crew travel & pre-

Summary Rig Activity Page 3 of 3

job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! **Finalized**

Daily Cost: \$0

Cumulative Cost: \$114,890

8/15/2012 Day: 6

Conversion

Rigless on 8/15/2012 - Conduct initial MIT - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. **Finalized**

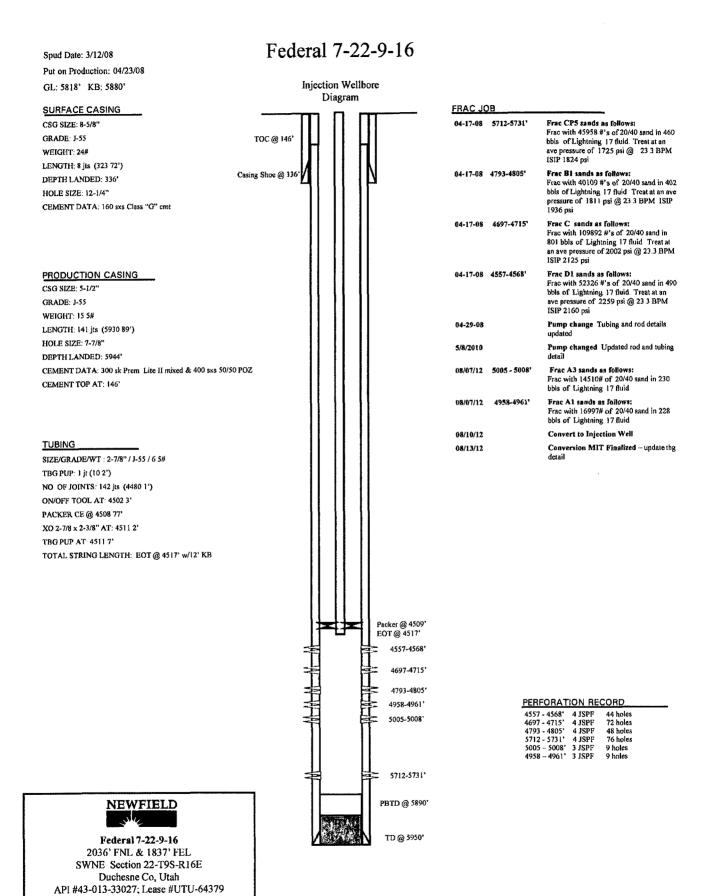
Daily Cost: \$0

Cumulative Cost: \$203,160

Pertinent Files: Go to File List

Sundry Number: 30074 API Well Number: 43013330270000

				Transfer of the second of the
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			FORM 9	
			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 43013330270000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-48		DNE NUMBER: (t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2036 FNL 1837 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 09.0S Range: 16.0E Meridian: S			S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	FRACTURE TREAT	NEW CONSTRUCTION
9/17/2012	OPERATOR CHANGE	F	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	F	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR		VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ (OTHER	OTHER: Put on Injection
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly sho	w all pe	rtinent details including dates, o	lepths, volumes, etc.
The above ref	erence well was put on inje 09/17/2012.	ection	at 6:00 PM on	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 25, 2012
			I	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874		TITLE Water Services Technician	
SIGNATURE N/A			DATE 9/20/2012	





State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-392

Operator:

Newfield Production Company

Well:

Federal 7-22-9-16

Location:

Section 22, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33027

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on July 25, 2012.
- 2. Maximum Allowable Injection Pressure: 1,787 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,858' 5,890')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

8-77 10

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Eric Sundberg, Newfield Production Company, Denver Newfield Production Company, Myton Duchesne County

Well File

well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Sundry Number: 37605 API Well Number: 43013330270000

	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: FEDERAL 7-22-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 43013330270000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE	
2036 FNL 1837 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 22 Township: 09.0S Range: 16.0E Meridian: S			STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
✓ SUBSEQUENT REPORT				
Date of Work Completion: 8/13/2012	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
071072012	OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: New Perforations	
12 DESCRIBE PROPOSED OR		Il nertinent details including dates	·	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: A3 5005-5008' 3 JSPF 9 holes A1 4958-4961' 3 JSPF 9 holes FOR RECORD ONLY May 15, 2013				
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB I 435 646-4874	ER TITLE Water Services Technician		
SIGNATURE N/A		DATE 5/6/2013		

Federal 7-22-9-16

Injection Wellbore Diagram

Put on Production: 04/23/08 GL: 5818' KB: 5880'

SURFACE CASING

Spud Date: 3/12/08

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 8 jts. (323.72') DEPTH LANDED: 336' HOLE SIZE: 12-1/4" CEMENT DATA: 160 sxs Class "G" cmt

TOC @ 146 Casing Shoe @ 336'

PRODUCTION CASING CSG SIZE: 5-1/2"

GRADE: J-55 WEIGHT: 15.5# LENGTH: 141 its. (5930.89')

HOLE SIZE: 7-7/8" DEPTH LANDED: 5944'

CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP AT: 1463

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5#

TBG PUP: 1 jt (10.2')

NO. OF JOINTS: 142 jts (4480.1') ON/OFF TOOL AT: 4502,33 PACKER CE @ 4508.77 XO 2-7/8 x 2-3/8" AT: 4511₂'

TBG PUP AT: 4511.7'

TOTAL STRING LENGTH: EOT @ 4517' w/12' KB

FRAC JOB

04-29-08

Packer @ 4509' EOT @ 4517 4557-4568' 4697-4715 4793-4805

4958-4961'

5005-50081

5712-5731*

PBTD @ 5890'

TD @ 5950'

Frac CP5 sands as follows: Frac with 45958 #'s of 20/40 sand in 460 bbls of Lightning 17 fluid, Treat at an 04-17-08 5712-5731' ave pressure of 1725 psi @ 23,3 BPM. ISIP 1824 psi

Frac B1 sands as follows: 04-17-08 4793-48051

Frac with 40109 #'s of 20/40 sand in 402 bbls of Lightning 17 fluid, Treat at an ave pressure of 1811 psi @ 23.3 BPM, ISIP

1936 psi.

04-17-08 4697-4715

Frac C sands as follows: Frac with 109892 #'s of 20/40 sand in 801 bbls of Lightning 17 fluid, Treat at an ave pressure of 2002 psi @ 23.3 BPM. ISIP 2125 psi.

04-17-08 4557-4568

Frac D1 sands as follows: Frac with 52326 #'s of 20/40 sand in 490 bbls of Lightning 17 fluid, Treat at an ave pressure of 2259 psi @ 23.3 BPM. ISIP 2160 psi.

Pump change. Tubing and rod details

5/8/2010 Pump changed. Updated rod and tubing

detail. 08/07/12 5005 - 5008°

Frac A3 sands as follows: Frac with 14510# of 20/40 sand in 230

bbls of Lightning 17 fluid,

08/07/12 4958-49613 Frac A1 sands as follows:

Frac with 16997# of 20/40 sand in 228 bbls of Lightning 17 fluid.

08/10/12 Convert to Injection Well 08/13/12 Conversion MIT Finalized - update tbg

PERFORATION RECORD

4557 - 4568' 4 JSPF 4697 - 4715' 4 JSPF 44 holes 72 holes 4793 - 4805' 4 JSPF 5712 - 5731' 4 JSPF 5005 - 5008' 3 JSPF 4958 - 4961' 3 JSPF 48 holes 76 holes 9 holes

NEWFIELD

Federal 7-22-9-16 2036' FNL & 1837' FEL SWNE Section 22-T9S-R16E Duchesne Co, Utah API #43-013-33027; Lease #UTU-64379 Sundry Number: 37605 API Well Number: 43013330270000
Summary Rig Activity Page 1 of 3

Daily Activity Report

Format For Sundry FEDERAL 7-22-9-16 6/1/2012 To 10/30/2012

8/7/2012 Day: 1

Conversion

Stone #10 on 8/7/2012 - MIRUSU SWS #10. TOOH LD rod detail. Swab fluid down. - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Wait on wtr. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - Crew travel - Crew travel & pre-job safety meeting. - Road rig to location. - Wait on Benco to test deadman anchors. - MIRUSU SWS #10. - Crew travel - RU swab equipment. Make 3 swab runs to leave fluid level @ 5100'. SDFN - X-over to tbg equipment. Go to release TAC. Fin Tac released. NU BOP. RU work floor. - TOOH LD rod string @ follows. 1 1/2" x 26' polished rod, 2 - 4' x 3/4" pony rods, 115 - 3/4" guided rods, 67 - 3/4" slick rods, & 22 - 3/4" guided rods. Find rods to have backed off. - Attempt to unseat rod pump. Did not see pump unseat. Attempt to flush w/ out success. Stack out rods. Pressure test tbg to 3000 psi. Good test. - Wait on wtr.

Daily Cost: \$0

Cumulative Cost: \$7,419

8/8/2012 Day: 2 Conversion

Stone #10 on 8/8/2012 - TOOH w/ tbg breaking collars & applying Liquid O-Ring to threads. Perforate A3 & A1 sds. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - Crew travel - Crew travel * pre-job safety meeting - PU 2 jts tbg to tag fill @ 5792'. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. - RIH w/ swab. Swab fluid level to 1400'. Continue TOOH w/ tbg. - LD 21 jts tbg, 18 - 3/4" guided rods (4 per), 6 - 1 1/2" wt bars, & rod pump. - RU The Perforators WLT. RIH w/ wireline. Stack out on what appeared to be scale @ 4600'. Fall through was sticky to 4700'. Perforate, A3 sds @ (5005'-08') & A1 sds @ (4958'-61') w/ 120° phasing w/ 3 spf. POOH w/ wireline. RD WLT. - TOOH w/ tbg (tally, breaking collars & applying Liquid O-Ring to threads). Get out of hole w/ 114 jts tbg. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,483

8/9/2012 Day: 3 Conversion

Stone #10 on 8/9/2012 - Make bit & scraper run on N-80 tbg. TIH w/ RBP & PKR. Frac A3 & A1 sds. Flow back - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit &

Sundry Number: 37605 API Well Number: 43013330270000 Summary Rig Activity

Page 2 of 3

scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. - RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS. - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A3 sds @ 3452 psi w/ .5 bw @ 2.7 bpm. Frac A3 sds w/ 14510# 20/40 sand w/ 17# gelled fluid. ISDP 1863 psi. 5 min 1643 psi. 10 min 1579 psi. 15 min 1524 psi. Max treating pressure 6786 psi. Avg treating pressure 5734 psi. Max treating rate 19.8 bpm. Avg treating rate 19.7 bpm. EWTR 282 BBLS - MU Weatherford TSRBP & PKR. TIH w/ tbg. Set plug @ 5045'. Set PKR @ 4980'. Fill CSG w/ 90 bw. - Prep & tally N-80 work string. MU 4 3/4" bit & scraper. TIH PU tbg. Run bit & scraper to 5100'. TOOH w/ tbg. LD bit & scraper. - Crew travel & pre-job safety meeting. - Crew travel. -RD Baker Hughes frac equipment. Flow back 63 bbls. Release PKR. Circulate well clean w/ 45 bw. EWTR 376 BBLS. SDFN - RU Baker Hughes frac equipment. Pressure test frac equipment. Break down A1 sds @ 2598 psi w/ 3.7 bw @ 2.8 bpm. Frac A1 sds w/ 16997# 20/40 sand w/ 17# gelled fluid. ISDP 1792 psi. FG .80. 5 min 1594 psi. 10 min 1575 psi. 15 min 1549 psi. Max treating pressure 5279 psi. Average treating pressure 4712 psi. Max treating rate 19.8 bpm. Average treating rate 15.2 bpm. EWTR 257 BBLS. - Move tools up hole to set RBP @ 4990'. Set PKR @ 4918'. - Release PKR. Clean out to RBP. Release RBP. - Flow back 100 bbls. EWTR 182 BBLS.

Daily Cost: \$0

Cumulative Cost: \$86,289

8/10/2012 Day: 4

Conversion

Stone #10 on 8/10/2012 - Retrieve RBP. TOOH LD N-80 tbg. TIH w/ injection string. Test tbg. - Crew travel & pre-job safety meeting. - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN - RIH w/ sandline. Push SV to PSN. POOH w/ sandline. - Flush tbg w/ 65 bw. Drop SV. Pump 35 bw. - MU btm hole assembly. TIH w/ tbg detail @ follows. XN nipple, 4' tbg sub, X-over, Weatherford 5 1/2" AS1-X PKR, on/off tool, PSN, 142 jts tbg, & 10' tbg sub. - Release RBP. TIH w/ 4 jts tbg. TOOH LD N-80 tbg. Get out of hole w/ 162 jts, RBP, & PKR. (flushed tbg & csg w/ 40 bw on TOOH) - RIH w/ 2 jts tbg. Tag RBP @ 4990'. Circulate well clean w/ 120 bw. - Crew travel & pre-job safety meeting. - Crew travel - Fill & test tbg to 3000 psi W/ 3 BW. Lost 100 psi in 1.5 hrs. Bump up pressure. SDFN

Daily Cost: \$0

Cumulative Cost: \$108,735

8/14/2012 Day: 5

Conversion

Stone #10 on 8/14/2012 - Retreive SV. RD work floor. ND BOP. Pump PKR fluid. Test csg to 1400 psi. Get good test. RDMOSU WWS #10 - Crew travel & pre-job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! - Crew travel & pre-

job safety meeting. - RIH w/ sand line. Retreive SV. RD sand line. RD work floor. ND BOP. Land tbg. Circulate well w/ 70 bbls pkr fluid. Set pkr. Land tbg w/ 15000# tension. NU Well head. Fill & test csg to 1400 psi w/ 15 bbls pkr fluid. Good test. RDMOSU WWS #10. READY FOR MIT!!!!! **Finalized**

Daily Cost: \$0

Cumulative Cost: \$114,890

8/15/2012 Day: 6

Conversion

Rigless on 8/15/2012 - Conduct initial MIT - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On 08/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/13/2012 the casing was pressured up to 1180 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$203,160

Pertinent Files: Go to File List